

## OCCUPATIONS, LABOR, AND WAGES.

**No. 181.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS.**

[Source: Reports of the Bureau of the Census, Department of Commerce.]

Occupation.	Male.	Female.	Total.
<b>Agriculture, forestry, and animal husbandry:</b>			
Dairy farmers.....	59,240	2,576	61,816
Dairy farm laborers.....	32,237	2,777	35,014
Farmers <sup>1</sup> .....	5,607,207	257,708	5,865,003
<b>Farm laborers—</b>			
Farm laborers (home farm).....	2,133,949	1,176,585	3,310,534
Farm laborers (working out).....	2,299,444	337,522	2,636,966
Turpentine farm laborers.....	27,241	316	27,557
Total.....	4,460,634	1,514,423	5,975,057
<b>Farm, dairy farm, garden, orchard, etc., foremen—</b>			
Dairy farm foremen.....	1,001	85	1,086
Farm foremen <sup>2</sup> .....	34,915	7,505	42,420
Garden and greenhouse foremen.....	1,223	88	1,311
Orchard, nursery, etc., foremen.....	2,687	87	2,774
Total.....	39,826	7,705	47,591
<b>Fishermen and oystermen.....</b>	67,799	476	68,275
<b>Foresters.....</b>	4,332	.....	4,332
<b>Gardeners, florists, fruit growers, and nurserymen—</b>			
Florists.....	7,977	1,051	9,028
Fruit growers and nurserymen.....	44,186	2,355	46,541
Gardeners.....	75,481	4,413	79,894
Landscape gardeners.....	3,777	15	3,792
Total.....	131,421	7,834	139,255
<b>Garden, greenhouse, orchard, and nursery laborers—</b>			
Cranberry-bog laborers.....	1,316	68	1,384
Garden laborers.....	76,372	4,042	81,314
Greenhouse laborers.....	16,796	961	17,757
Orchard and nursery laborers.....	31,069	1,503	33,473
Total.....	126,453	7,474	133,927
<b>Lumbermen, raftsmen, and woodchoppers—</b>			
Foremen and overseers.....	4,798	.....	4,798
Lumbermen and raftsmen.....	113,999	37	114,036
Teamsters and haulers.....	15,038	.....	15,038
Woodchoppers and tie cutters.....	27,356	40	27,396
Total.....	161,191	77	161,268
<b>Owners and managers of log and timber camps.....</b>	7,927	4	7,931
Stock herders, drovers, and feeders.....	62,090	885	62,975
Stock raisers.....	50,847	1,674	52,521
<b>Other agricultural and animal-husbandry pursuits—</b>			
Apiarists.....	2,020	125	2,145
Corn shellers, hay balers, grain thrashers, etc.....	5,617	.....	5,617
Ditchers.....	18,198	.....	15,198
Poultry raisers and poultry-yard laborers.....	11,777	3,607	15,384
Other and not specified pursuits.....	5,796	68	5,894
Total.....	40,408	3,830	44,238
Total agriculture, forestry, and animal husbandry.....	10,851,702	1,807,501	12,659,203
<b>Extraction of minerals:</b>			
Foremen, overseers, and inspectors—			
Foremen and overseers.....	22,133	9	22,142
Inspectors.....	1,195	1	1,196
Total.....	23,328	10	23,338
<b>Operators, officials, and managers—</b>			
Managers.....	9,786	12	9,798
Officials.....	1,140	9	1,149
Operators.....	14,201	86	14,287
Total.....	25,127	107	25,234

<sup>1</sup> Includes turpentine farmers.

<sup>2</sup> Includes turpentine farm foremen.

No. 181.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
Extraction of minerals—Continued.			
Coal-mine operatives.....	613,519	405	613,924
Copper-mine operatives.....	39,251	19	39,270
Gold and silver mine operatives.....	55,397	39	55,436
Iron-mine operatives.....	49,564	39	49,603
Operatives in other and not specified mines—			
Lead and zinc mine operatives.....	19,471	15	19,486
All other mine operatives.....	27,698	68	27,766
Total.....	47,169	83	47,252
Quarry operatives.....	80,795	45	80,840
Oil, gas, and salt well operatives—			
Oil and gas well operatives.....	25,548	14	25,562
Salt well and works operatives.....	4,032	333	4,365
Total.....	29,580	347	29,927
Total extraction of minerals.....	963,730	1,094	964,824
Manufacturing and mechanical industries:			
Apprentices—			
Apprentices to building and hand trades.....	27,909	32	28,031
Dressmakers' and milliners' apprentices.....	31	11,980	12,011
Other apprentices.....	75,339	3,583	78,922
Total.....	103,309	15,595	118,964
Bakers.....	84,752	4,779	89,531
Blacksmiths, forgemen, and hammermen—			
Blacksmiths.....	232,057	31	232,088
Forgemen, hammermen, and welders.....	7,531	.....	7,531
Total.....	240,488	31	240,519
Boilermakers.....	44,761	.....	44,761
Brick and stone masons.....	169,387	15	169,402
Builders and building contractors.....	173,573	849	174,422
Butchers and dressers (slaughterhouse).....	16,349	2	16,351
Cabinetmakers.....	41,884	8	41,892
Carpenters.....	817,082	38	817,120
Compositors, linotypers, and typesetters.....	113,538	14,051	127,589
Coopers.....	25,292	7	25,299
Dressmakers and seamstresses (not in factory).....	1,582	447,700	449,342
Dyers.....	13,396	684	14,080
Electricians and electrical engineers.....	136,427	92	136,519
Electrotypers, stereotypers, and lithographers—			
Electrotypers and stereotypers.....	4,268	100	4,368
Lithographers.....	7,601	477	8,138
Total.....	11,929	577	12,506
Engineers (mechanical).....	14,514	.....	14,514
Engineers (stationary).....	231,031	10	231,041
Engravers.....	13,429	538	13,967
Filers, grinders, buffers, and polishers (metal)—			
Buffers and polishers.....	28,191	2,305	30,496
Filers.....	10,069	187	10,256
Grinders.....	8,419	374	8,793
Total.....	46,679	2,846	49,525
Firemen (except locomotive and fire department).....	111,248	.....	111,248
Foremen and overseers (manufacturing).....	155,358	19,740	175,098
Furnacemen, smeltermen, heaters, pourers, etc.—			
Furnacemen and smeltermen.....	10,719	16	10,735
Heaters.....	10,111	9	10,120
Ladlers and pourers.....	679	.....	679
Puddlers.....	5,717	.....	5,717
Total.....	36,226	25	36,251
Glassblowers.....	15,474	90	15,564

No. 181.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
<b>Manufacturing and mechanical industries—Continued.</b>			
Jewelers, watchmakers, goldsmiths, and silversmiths—			
Goldsmiths and silversmiths.....	5,553	204	5,757
Jewelers and lapidaries (factory).....	8,783	1,848	10,631
Jewelers and watchmakers (not in factory).....	15,701	485	16,186
Total.....	30,037	2,537	32,574
Laborers (not otherwise specified)—			
Building and hand trades—			
General and not specified laborers.....	853,679	15,799	869,478
Helpers in building and hand trades.....	65,352	79	65,431
Total.....	918,031	15,878	934,909
Chemical industries—			
Fertilizer factories.....	9,757	90	9,847
Paint factories.....	2,842	117	2,959
Powder, cartridge, fireworks, etc., factories.....	3,947	330	4,277
Other chemical factories.....	23,165	1,403	24,568
Total.....	39,711	2,030	41,741
Clay, glass, and stone industries—			
Brick, tile, and terra-cotta factories.....	77,833	621	77,954
Glass factories.....	23,686	948	24,034
Lime, cement, and gypsum factories.....	35,931	152	36,083
Marble and stone yards.....	6,847	68	6,915
Potteries.....	8,641	599	9,240
Total.....	152,438	2,388	154,826
Iron and steel industries—			
Automobile factories.....	15,644	139	15,783
Blast furnaces and rolling mills <sup>1</sup> .....	201,030	1,362	202,392
Car and railroad shops.....	48,114	228	48,342
Wagon and carriage factories.....	12,232	159	12,391
Other iron and steel works.....	199,781	4,252	204,033
Total.....	476,801	6,140	482,941
Other metal industries—			
Brass mills.....	10,606	279	10,885
Copper factories.....	11,532	54	11,586
Lead and zinc factories.....	7,871	74	7,945
Tinware and enamel-ware factories.....	0,709	878	7,587
Other metal factories.....	5,416	1,354	6,770
Total .....	42,134	2,039	44,773
Lumber and furniture industries—			
Furniture, piano, and organ factories.....	27,188	889	28,077
Saw and planing mills.....	258,361	1,781	260,142
Other woodworking factories.....	27,670	1,346	29,025
Total.....	313,228	4,016	317,244
Textile industries—			
Cotton mills.....	32,037	5,767	37,804
Silk mills.....	2,686	1,112	3,798
Woolen and worsted mills.....	10,245	2,045	12,290
Other textile mills.....	26,139	7,115	33,254
Total.....	71,107	16,039	87,146
Other industries—			
Charcoal and coke works.....	11,431	15	11,446
Cigar and tobacco factories.....	11,436	4,056	16,392
Clothing industries.....	5,424	4,816	10,240
Electric light and power plants.....	8,011	165	8,176
Electrical supply factories.....	10,053	1,381	11,434
Food industries—			
Bakeries.....	3,755	755	4,510
Butter and cheese factories.....	4,688	128	4,816
Fish curing and packing.....	4,637	233	4,870
Flour and grain mills.....	9,152	91	9,243
Fruit and vegetable canning, etc.....	3,683	937	4,670
Slaughter and packing houses.....	32,471	1,432	33,903
Sugar factories and refineries.....	8,647	108	8,755
Other food factories.....	8,658	2,590	11,248

<sup>1</sup> Includes tin-plate mills.

No. 181.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Laborers (not otherwise specified)—Continued.			
Other industries—Continued.			
Gas works.....	16,534	15	16,549
Liquor and beverage industries.....	18,294	563	18,857
Oil refineries.....	11,151	64	11,215
Paper and pulp mills.....	29,959	1,429	31,388
Printing and publishing.....	5,217	1,824	7,041
Rubber factories.....	12,224	1,322	13,546
Shoe factories.....	7,952	2,325	10,277
Tanneries.....	20,491	307	20,798
Turpentine distilleries.....	6,354	51	6,405
Other factories.....	136,675	13,072	150,347
Total.....	386,807	39,229	426,126
Total laborers (not otherwise specified).....	2,401,347	88,359	2,489,706
Loom fixers.....	13,254	.....	13,254
Machinists, millwrights, and tool makers—			
Machinists and millwrights.....	478,713	73	478,786
Tool makers, and die setters and sinkers.....	9,243	20	9,263
Total.....	487,956	93	488,049
Managers and superintendents (manufacturing).....	102,748	1,482	104,210
Manufacturers and officials—			
Manufacturers.....	230,809	4,298	235,107
Officials.....	21,083	401	21,484
Total.....	251,892	4,699	256,591
Mechanics (not otherwise specified)—			
Gunsmiths, locksmiths, and bell hangers.....	3,248	3	3,251
Wheelwrights.....	3,732	.....	3,732
Other mechanics.....	27,765	39	27,804
Total.....	34,745	42	34,787
Millers (grain, flour, feed, etc.).....	23,093	59	23,152
Milliners and millinery dealers.....	5,459	122,447	127,906
Molders, founders, and casters (metal)—			
Brass molders, founders, and casters.....	6,509	8	6,512
Iron molders, founders, and casters.....	112,070	52	112,122
Other molders, founders, and casters.....	2,204	62	2,206
Total.....	120,783	117	120,900
Oilers of machinery.....	13,000	23	14,013
Painters, glaziers, varnishers, enamelters, etc.—			
Enamelters, lacquerers, and japanners.....	1,068	1,031	2,999
Painters, glaziers, and varnishers (building).....	273,000	381	273,441
Painters, glaziers, and varnishers (factory).....	69,786	1,129	60,915
Total.....	334,814	2,541	337,355
Paper hangers.....	24,780	797	25,577
Pattern and model makers.....	29,006	553	23,559
Plasterers.....	47,676	6	47,682
Plumbers and gas and steam fitters.....	148,804	.....	148,804
Pressmen (printing).....	19,892	192	20,084
Rollers and roll hands (metal).....	18,384	23	18,407
Roofers and slaters.....	14,078	.....	14,078
Sawyers.....	43,257	19	43,276
Semiskilled operatives (not otherwise specified)—			
Chemical industries—			
Paint factories.....	3,292	628	3,920
Powder, cartridge, fireworks, etc., factories.....	2,568	2,405	5,263
Other chemical factories.....	11,008	10,514	21,522
Total.....	17,158	13,547	30,705
Cigar and tobacco factories.....	79,947	71,572	151,519

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Occupation.	Male.	Female.	Total.
<b>Manufacturing and mechanical industries—Continued.</b>			
Semi-skilled operatives (not otherwise specified)—Continued.			
Clay, glass, and stone industries—			
Brick, tile, and terra-cotta factories.....	12,649	758	13,407
Glass factories.....	37,927	3,950	41,877
Lime, cement, and gypsum factories.....	8,317	129	8,546
Marble and stone yards.....	8,389	150	8,539
Potteries.....	11,785	4,474	16,259
Total.....	79,167	9,461	88,628
Clothing industries—			
Hat factories (felt).....	22,377	4,198	26,575
Suit, coat, cloak, and overall factories.....	44,578	9,333	54,211
Other clothing factories.....	23,400	35,361	63,821
Total.....	90,355	48,892	144,007
Food industries—			
Bakeries.....	3,008	5,030	8,938
Butter and cheese factories.....	11,065	533	11,598
Candy factories.....	13,608	17,335	30,943
Flour and grain mills.....	3,750	242	3,992
Fruit and vegetable canning, etc.....	2,127	3,163	5,290
Slaughter and packing houses.....	7,121	2,327	9,448
Other food factories.....	11,633	6,992	18,625
Total.....	52,312	30,522	88,834
Harness and saddle industries.....	21,958	692	22,650
Iron and steel industries—			
Automobile factories.....	20,222	690	20,902
Blast furnaces and rolling mills <sup>1</sup> .....	67,746	2,384	70,130
Car and railroad shops <sup>2</sup> .....	47,405	279	47,684
Wagon and carriage factories.....	21,236	942	22,178
Other iron and steel works.....	188,682	18,757	207,419
Total.....	345,271	23,042	368,313
Other metal industries—			
Brass mills.....	14,350	2,535	16,885
Clock and watch factories.....	9,252	6,376	15,628
Gold and silver and jewelry factories.....	10,474	6,177	16,651
Lead and zinc factories.....	1,601	203	1,804
Tinware and enamel-ware factories.....	6,074	3,937	10,611
Other metal factories.....	6,553	1,658	8,111
Total.....	48,004	20,846	69,750
Liquor and beverage industries—			
Breweries.....	21,250	580	21,830
Distilleries.....	2,648	796	3,444
Other liquor and beverage factories.....	5,766	463	6,229
Total.....	29,664	1,839	31,503
Lumber and furniture industries—			
Furniture, piano, and organ factories.....	58,304	4,508	62,812
Saw and planing mills <sup>3</sup> .....	63,684	2,376	66,060
Other woodworking factories.....	32,304	6,314	38,618
Total.....	154,292	13,198	167,490
Paper and pulp industries.....	25,803	10,580	36,383
Printing and publishing.....	32,808	34,661	67,469
Shoe factories.....	121,744	59,266	181,010
Tanneries.....	31,713	1,840	33,553
Textile industries—			
Beamers, warpers, and slashers—			
Cotton mills.....	4,855	2,888	7,603
Silk mills.....	1,408	3,220	4,628
Woolen and worsted mills.....	2,059	511	2,570
Other textile mills.....	1,290	512	1,802
Total.....	9,012	7,081	16,603

<sup>1</sup> Includes tin-plate mills.<sup>2</sup> Includes car repairers for street and steam railroads.<sup>3</sup> Includes wooden-box factories.

No. 181.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
Manufacturing and mechanical industries—Continued.			
Semiskilled operatives (not otherwise specified)—Continued.			
Textile industries—Continued.			
Bobbin boys, doffers, and carriers—			
Cotton mills.....	14,398	2,400	16,798
Silk mills.....	320	297	617
Woolen and worsted mills.....	1,824	1,075	2,899
Other textile mills.....	1,080	1,120	2,200
Total.....	17,022	4,892	22,514
Carders, combers, and lappers—			
Cotton mills.....	11,729	4,210	15,939
Silk mills.....	60	88	148
Woolen and worsted mills.....	4,447	911	5,358
Other textile mills.....	1,814	702	2,516
Total.....	18,050	5,006	23,056
Drawers, rovers, and twisters—			
Cotton mills.....	9,535	9,037	19,472
Silk mills.....	1,472	2,353	3,825
Woolen and worsted mills.....	866	3,599	4,465
Other textile mills.....	607	1,626	2,233
Total.....	12,480	17,515	29,995
Spinners—			
Cotton mills.....	15,874	32,151	48,025
Silk mills.....	1,046	2,397	3,443
Woolen and worsted mills.....	6,997	6,390	13,387
Other textile mills.....	3,866	5,338	9,204
Total.....	27,783	40,276	74,059
Weavers—			
Cotton mills.....	48,020	43,911	92,840
Silk mills.....	18,435	17,736	36,171
Woolen and worsted mills.....	17,197	14,660	31,857
Other textile mills.....	10,723	23,127	42,850
Total.....	104,284	99,434	203,718
Winders, reelers, and spoolers—			
Cotton mills.....	3,226	24,283	27,509
Silk mills.....	1,222	14,004	16,126
Woolen and worsted mills.....	932	6,611	7,543
Other textile mills.....	1,890	11,265	13,155
Total.....	7,270	57,068	64,333
Other occupations—			
Cotton mills.....	30,625	10,724	50,349
Silk mills.....	4,995	8,825	13,820
Woolen and worsted mills.....	18,601	12,290	30,801
Other textile mills.....	46,890	73,033	119,932
Total.....	101,120	113,872	214,992
Other industries—			
Electrical supply factories.....	13,636	11,041	24,677
Paper-box factories.....	4,859	13,028	17,887
Rubber factories.....	20,814	9,469	30,283
Other factories.....	152,616	88,398	230,014
Total.....	191,025	110,936	308,961
Total semiskilled operatives (not otherwise specified).....	1,626,602	814,933	2,441,535
Sewers and sewing-machine operators (factory) <sup>1</sup> .....	60,003	231,208	291,209
Shoemakers and cobblers (not in factory).....	68,788	782	69,570
Skilled occupations (not otherwise specified)—			
Annealers and temperers (metal).....	1,894	7	1,901
Piano and organ tuners.....	6,628	105	6,633
Wood carvers.....	5,308	60	5,368
Other skilled occupations.....	2,830	76	2,906
Total.....	10,560	248	10,808

<sup>1</sup> Exclusive of sewers and sewing-machine operators in shoe and harness factories and sack sewers in cement, sugar, and grain mills.

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Occupation.	Male.	Female.	Total.
<b>Manufacturing and mechanical industries—Continued.</b>			
Stonecutters.....	35,726	5	35,731
Structural-iron workers (building).....	11,427	.....	11,427
Tailors and tailoresses.....	163,795	40,813	204,608
Tinsmiths and coppersmiths—			
Coppersmiths.....	3,410	.....	3,410
Tinsmiths.....	56,399	24	56,423
Total.....	59,809	24	59,833
Upholsterers.....	18,928	1,293	20,221
Total manufacturing and mechanical industries.....	8,837,901	1,820,980	10,658,881
<b>Transportation:</b>			
Water transportation (selected occupations)—			
Boatmen, canalmen, and lock keepers.....	5,289	15	5,304
Captains, masters, mates, and pilots.....	24,242	.....	24,242
Longshoremen and stevedores.....	62,813	44	62,857
Sailors and deck hands.....	46,498	12	46,510
Total.....	138,812	71	138,913
Road and street transportation (selected occupations)—			
Carriage and hack drivers.....	35,339	37	35,376
Chauffeurs.....	45,752	33	45,785
Draymen, teamsters, and expressmen <sup>1</sup> .....	408,390	73	408,469
Foremen of livery and transfer companies.....	6,600	.....	6,606
Garage keepers and managers.....	5,256	23	5,279
Hostlers and stable hands.....	63,382	6	63,388
Livery-stable keepers and managers.....	34,612	183	34,795
Proprietors and managers of transfer companies.....	15,368	230	15,598
Total.....	614,711	585	615,296
Railroad transportation (selected occupations)—			
Baggagemen and freight agents—			
Baggagemen.....	12,273	.....	12,273
Freight agents.....	4,755	5	4,760
Total.....	17,028	5	17,033
Boiler washers and engine hostlers.....	10,409	.....	10,409
Brakemen.....	92,572	.....	92,572
Conductors (steam railroad).....	65,604	.....	65,604
Conductors (street railroad).....	56,932	.....	56,932
Foremen and overseers.....	69,693	240	69,933
Laborers—			
Steam railroad.....	530,920	3,248	543,168
Street railroad.....	27,602	205	27,807
Total.....	567,522	3,453	570,975
Locomotive engineers.....	96,229	.....	96,229
Locomotive firemen.....	76,381	.....	76,381
Motormen.....	39,005	.....	39,005
Officials and superintendents—			
Steam railroad.....	19,803	2	19,805
Street railroad.....	2,433	.....	2,433
Total.....	22,236	2	22,238
Switchmen, flagmen, and yardmen—			
Switchmen and flagmen (steam railroad).....	73,387	52	73,419
Switchmen and flagmen (street railroad).....	2,153	.....	2,153
Yardmen (steam railroad).....	9,675	.....	9,575
Total.....	85,095	52	85,147
Ticket and station agents.....	22,030	1,208	24,138
Total, railroad transportation (selected occupations).....	1,241,036	4,960	1,246,596

<sup>1</sup> Teamsters in agriculture, forestry, and the extraction of minerals are classified with the other workers in those industries, respectively; and drivers for bakeries and laundries are classified with deliverymen in trade.

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Occupation.	Male.	Female.	Total.
<b>Transportation—Continued.</b>			
Express, post, telegraph, and telephone (selected occupations)—			
Agents (express companies).....	5,804	71	5,875
Express messengers and railway mail clerks—			
Express messengers.....	6,778	3	6,781
Railway mail clerks.....	15,240		15,240
Total.....	22,018	3	22,021
Mail carriers.....	79,667	1,011	80,678
Telegraph and telephone linemen.....	28,347	3	28,350
Telegraph messengers.....	9,074	78	9,152
Telegraph operators.....	61,734	8,219	69,953
Telephone operators.....	9,631	88,202	97,833
Total express, post, telegraph, and telephone (selected occupations).....	216,275	97,647	313,922
<b>Other transportation pursuits—</b>			
Forermen and overseers (not otherwise specified)—			
Road and street building and repairing.....	7,064		7,064
Telegraph and telephone companies.....	3,439	404	3,843
Water transportation.....	3,016		3,016
Other transportation.....	814	1	815
Total.....	14,333	405	14,738
<b>Inspectors—</b>			
Steam railroad.....	27,525	136	27,661
Street railroad.....	2,265	3	2,268
Other transportation.....	8,172	136	8,308
Total.....	32,962	275	33,237
<b>Laborers (not otherwise specified)—</b>			
Road and street building and repairing.....	180,468		180,468
Street cleaning.....	9,946		9,946
Other transportation.....	30,762	261	31,028
Total.....	221,176	261	221,437
<b>Proprietors, officials, and managers (not otherwise specified)—</b>			
Telegraph and telephone companies.....	8,680	1,409	10,089
Other transportation.....	4,731	19	4,750
Total.....	13,411	1,428	14,839
<b>Other occupations (semiskilled)—</b>			
Steam railroad.....	24,105	270	24,375
Street railroad.....	5,147	40	5,187
Other transportation.....	8,477	654	9,131
Total.....	37,729	964	38,693
<b>Total transportation.....</b>	<b>2,531,075</b>	<b>106,596</b>	<b>2,637,671</b>
<b>Trade:</b>			
<b>Bankers, brokers, and money lenders—</b>			
Bankers and bank officials.....	54,387	1,672	56,059
Commercial brokers and commission men.....	23,690	319	24,009
Loan brokers and loan company officials.....	1,989	122	2,111
Pawnbrokers.....	1,191	41	1,232
Stock brokers.....	13,522	207	13,729
Brokers not specified and promoters.....	8,391	273	8,664
Total.....	103,170	2,634	105,804
<b>Clerks in stores—</b>			
Commercial travelers.....	275,589	111,594	387,183
Decorators, drapers, and window dressers.....	161,027	2,593	163,620
Clerks in stores.....	4,902	439	5,341
Total.....	421,518	115,626	537,144
<b>Deliverymen—</b>			
Bakeries and laundries.....	24,012	18	24,030
Stores.....	205,457	132	205,589
Total.....	229,469	150	229,619

<sup>1</sup> Many of the "clerks" in stores evidently are "salesmen and saleswomen."

No. 181.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
<b>Trade—Continued.</b>			
Floorwalkers, foremen, and overseers—			
Floorwalkers and foremen in stores.....	14,900	8,046	17,946
Foremen warehouses, stockyards, etc.....	2,749	29	2,778
Total.....	17,649	8,075	20,724
Inspectors, gaugers, and samplers.....	11,685	1,761	13,446
<b>Insurance agents and officials—</b>			
Insurance agents.....	85,026	2,537	88,463
Officials of insurance companies.....	9,376	125	9,501
Total.....	95,302	2,662	97,964
<b>Laborers in coal and lumber yards, warehouses, etc.—</b>			
Coal yards.....	16,655	8	16,663
Elevators.....	6,335	11	6,346
Lumber yards.....	43,389	9	43,398
Stock yards.....	5,991	7	5,998
Warehouses.....	8,080	638	8,718
Total.....	80,450	878	81,123
<b>Laborers, porters, and helpers in stores.....</b>	98,169	4,164	102,333
Newsboys.....	29,485	273	29,708
<b>Proprietors, officials, and managers (not otherwise specified)—</b>			
Employment office keepers.....	1,540	720	2,200
Proprietors, etc., elevators.....	5,105	13	5,118
Proprietors, etc., warehouses.....	4,368	25	4,393
Other proprietors, officials, and managers.....	10,339	252	10,501
Total.....	21,352	1,010	22,362
<b>Real estate agents and officials.....</b>	122,035	2,927	125,862
Retail dealers.....	1,127,926	67,103	1,195,020
<b>Salesmen and saleswomen—</b>			
Auctioneers.....	3,985	5	3,990
Demonstrators.....	1,250	3,130	4,380
Sales agents.....	31,424	4,098	35,522
Salesmen and saleswomen (stores) <sup>1</sup> .....	626,751	250,487	877,238
Total.....	663,410	257,720	921,130
<b>Undertakers.....</b>	19,921	813	20,734
Wholesale dealers, importers, and exporters.....	50,123	925	51,048
<b>Other pursuits (semiskilled)—</b>			
Fruit graders and packers.....	2,677	2,038	4,715
Meat cutters.....	15,378	27	15,405
Other occupations.....	16,013	5,507	21,520
Total.....	34,068	7,572	41,640
Total trade.....	3,140,582	468,088	3,614,670
<b>Public service (not elsewhere classified):</b>			
Firemen (fire department).....	35,606	.....	35,606
Guards, watchmen, and doorkeepers.....	78,168	103	78,271
<b>Laborers (public service)—</b>			
Garbage men and scavengers.....	4,227	.....	4,227
Other laborers.....	62,278	729	63,007
Total.....	66,505	729	67,234
<b>Marshals, sheriffs, detectives, etc.—</b>			
Detectives.....	6,162	187	6,349
Marshals and constables.....	9,071	2	9,073
Probation and truant officers.....	855	188	1,043
Sheriffs.....	7,181	3	7,134
Total.....	23,219	380	23,599
<b>Officials and inspectors (city and county)—</b>			
Officials and Inspectors (city).....	32,199	1,011	33,210
Officials and inspectors (county).....	17,409	1,578	19,044
Total.....	49,608	2,589	52,254

<sup>1</sup> Many of the "salesmen and saleswomen" in stores evidently are "clerks."

No. 181.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
Public service (not elsewhere classified)—Continued.			
Officials and inspectors (State and United States)—			
Officials and Inspectors (State) .....	6,662	540	7,202
Officials and inspectors (United States).....	36,727	8,997	45,724
Total.....	43,389	9,537	52,926
Policemen.....	61,080	.....	61,980
Soldiers, sailors, and marines.....	77,153	.....	77,153
Other pursuits—			
Life savers.....	2,158	.....	2,158
Lighthouse keepers.....	1,552	41	1,593
Other occupations.....	6,335	182	6,517
Total.....	10,045	223	10,268
Total public service (not elsewhere classified).....	445,738	13,558	459,291
Professional service:			
Actors.....	16,305	11,992	28,297
Architects.....	16,311	302	16,613
Artists, sculptors, and teachers of art.....	18,675	15,420	34,104
Authors, editors, and reporters—			
Authors.....	2,310	2,058	4,368
Editors and reporters.....	30,201	4,181	34,382
Total.....	32,511	6,239	38,750
Chemists, assayers, and metallurgists.....	15,694	579	16,273
Civil and mining engineers and surveyors—			
Civil engineers and surveyors.....	52,028	5	52,033
Mining engineers.....	6,930	.....	6,930
Total.....	58,958	5	58,963
Clergymen.....	117,333	685	118,018
College presidents and professors.....	12,710	2,958	15,668
Dentists.....	38,743	1,254	39,997
Designers, draftsmen, and inventors—			
Designers.....	9,211	2,577	11,788
Draftsmen.....	32,923	391	33,314
Inventors.....	2,303	44	2,347
Total.....	44,437	3,012	47,440
Lawyers, judges, and justices.....	114,146	558	114,704
Musicians and teachers of music.....	54,832	84,478	139,310
Photographers.....	26,811	4,904	31,775
Physicians and surgeons.....	142,117	9,015	151,132
Showmen.....	13,988	1,108	20,096
Teachers—			
Teachers (athletics, dancing, etc.).....	2,768	1,162	3,931
Teachers (school) .....	113,442	470,864	593,306
Total.....	121,210	478,027	590,287
Trained nurses.....	5,819	76,508	82,327
Veterinary surgeons.....	11,662	.....	11,662
Other professional pursuits.....	7,585	8,092	15,677
Samiprofessional pursuits—			
Abstractors, notaries, and justices of the peace.....	6,600	785	7,445
Fortune tellers, hypnotists, spiritualists, etc.....	380	1,220	1,600
Healers (except physicians and surgeons).....	2,162	2,672	6,834
Keepers of charitable and penal institutions.....	5,246	2,245	7,491
Officials of lodges, societies, etc.....	6,245	1,970	8,215
Religious and charity workers.....	7,081	8,889	15,970
Theatrical owners, managers, and officials.....	11,027	295	11,322
Other occupations.....	5,731	818	6,049
Total.....	44,532	20,394	64,926
Attendants and helpers (professional service).....	10,315	8,286	18,601
Total professional service.....	929,684	733,885	1,663,569
Domestic and personal service:			
Barbers, hairdressers, and manicurists.....	172,977	22,298	195,275
Bartenders.....	100,984	250	101,234

No. 181.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEAR 1910: BY SEX AND SPECIFIED OCCUPATIONS—Con.

Occupation.	Male.	Female.	Total.
Domestic and personal service—Continued.			
Billiard room, dance hall, skating rink, etc., keepers—			
Billiard and pool room keepers.....	13,700	159	13,859
Dance-hall, skating-rink, etc., keepers.....	2,243	659	2,902
Total.....	15,943	818	16,761
Boarding and lodging house keepers.....	23,052	142,400	165,452
Bootblacks.....	14,000	20	14,020
Charwomen and cleaners.....	7,195	26,839	34,034
Elevator tenders.....	25,010	25	25,035
Hotel keepers and managers.....	50,269	14,235	64,504
Housekeepers and stewards.....	15,940	173,333	189,273
Janitors and sextons.....	91,629	21,452	113,081
Laborers (domestic and professional service).....	50,285	3,215	53,480
Launderers and laundresses (not in laundry).....	13,693	520,004	533,697
Laundry operatives <sup>1</sup> .....	35,899	75,980	111,879
Laundry owners, officials, and managers <sup>2</sup> .....	17,057	986	18,043
Midwives and nurses (not trained)—			
Midwives.....		6,205	6,205
Nurses (not trained).....	15,926	110,912	126,838
Total.....	15,926	117,117	133,043
Porters (except in stores).....	84,055	73	84,128
Restaurant, café, and lunch-room keepers.....	50,316	10,516	60,832
Saloon keepers.....	66,724	1,491	68,215
Servants—			
Bell boys, chore boys, etc.....	17,667	662	18,329
Chambermaids.....	187	39,002	39,789
Coachmen and footmen.....	25,667		25,667
Cooks.....	117,004	333,436	450,440
Other servants.....	102,151	935,849	1,038,000
Total.....	262,076	1,309,549	1,572,225
Waiters.....	102,495	85,793	188,203
Other pursuits—			
Bathhouse keepers and attendants.....	3,125	1,470	4,595
Cemetery keepers.....	4,811	31	4,842
Cleaners and renovators (clothing, etc.).....	12,215	2,045	14,860
Umbrella menders and scissors grinders.....	1,016	37	1,053
Other occupations.....	4,056	264	4,320
Total.....	25,223	4,447	29,670
Total domestic and personal service.....	1,241,328	2,530,846	3,772,174
Clerical occupations:			
Agents, canvassors, and collectors—			
Agents.....	48,495	2,290	50,785
Canvassors.....	13,980	4,615	18,595
Collectors.....	33,550	1,897	35,747
Total.....	96,325	8,802	105,127
Bookkeepers, cashiers, and accountants.....	299,545	187,155	486,700
Clerks (except clerks in stores)—			
Shipping clerks.....	78,192	2,161	80,353
Other clerks.....	519,041	120,504	640,145
Total.....	597,833	122,665	720,498
Messenger, bundle, and office boys <sup>2</sup> —			
Bundle and cash boys and girls.....	4,274	6,592	10,806
Messenger, errand, and office boys.....	92,474	4,695	97,169
Total.....	96,748	11,287	108,035
Stenographers and typewriters.....	53,378	263,315	316,693
Total clerical occupations.....	1,143,829	503,224	1,737,053
Grand total gainfully occupied .....	30,001,564	8,075,772	38,107,336
Total population 10 years of age and over (1910).....	37,027,558	34,552,712	71,580,270

<sup>1</sup> Some owners of hand laundries are included with "laundry operatives."<sup>2</sup> Except telegraph and telephone messengers.

No. 182.—POPULATION 10 YEARS OF AGE AND UPWARD ENGAGED IN GAINFUL OCCUPATIONS, CENSUS YEARS 1900 AND 1910: By SEX, BY STATES, AND BY GEOGRAPHIC DIVISIONS.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

State.	1900			1910		
	Male.	Female.	Total.	Male.	Female.	Total.
Alabama.....	563,179	200,009	763,188	683,194	314,330	997,524
Arizona.....	46,584	6,786	53,370	77,236	10,589	87,825
Arkansas.....	407,942	77,853	485,795	510,410	161,993	672,403
California.....	556,345	87,022	644,267	632,752	174,916	1,107,668
Colorado.....	180,297	27,966	218,263	285,083	53,041	338,724
Connecticut.....	296,971	88,639	385,610	370,481	119,981	490,462
Delaware.....	60,024	12,072	72,996	68,317	17,546	85,883
District of Columbia.....	85,780	41,161	126,941	105,044	52,921	157,965
Florida.....	163,989	37,581	201,570	248,926	73,161	322,087
Georgia.....	645,032	218,539	864,471	807,185	352,941	1,180,126
Idaho.....	58,167	4,516	62,683	118,050	13,038	131,098
Illinois.....	1,509,394	294,046	1,804,040	1,865,422	481,356	2,296,778
Indiana.....	782,237	116,716	898,953	880,079	155,731	1,036,710
Iowa.....	682,521	106,883	789,404	694,799	131,514	826,313
Kansas.....	452,169	55,571	507,740	540,639	80,694	621,333
Kentucky.....	646,900	105,022	752,531	719,380	147,611	866,980
Louisiana.....	405,182	130,911	536,093	501,574	177,809	679,183
Maine.....	224,847	51,930	276,777	242,175	63,282	308,457
Maryland.....	350,756	98,983	458,738	410,884	130,280	541,164
Massachusetts.....	879,374	329,033	1,208,407	1,086,767	444,301	1,531,068
Michigan.....	772,299	133,691	905,990	926,815	186,183	1,112,998
Minnesota.....	543,946	96,928	645,874	689,847	145,605	835,452
Mississippi.....	466,766	178,357	645,123	574,279	305,366	873,646
Missouri.....	966,866	164,526	1,121,392	1,076,772	211,564	1,288,536
Montana.....	104,390	9,809	114,799	159,896	18,851	178,747
Nebraska.....	327,354	46,616	373,970	377,811	63,303	441,114
Nevada.....	17,809	2,000	19,809	40,535	4,375	44,910
New Hampshire.....	130,961	41,753	178,719	143,363	48,340	191,703
New Jersey.....	603,237	184,522	757,759	834,705	239,565	1,074,380
New Mexico.....	59,710	6,310	66,020	106,418	15,070	121,407
New York.....	2,924,429	872,045	2,996,474	3,020,158	983,886	4,003,844
North Carolina.....	556,581	100,161	716,742	674,849	272,900	947,839
North Dakota.....	103,548	14,092	117,640	188,372	29,046	217,418
Ohio.....	1,299,881	246,071	1,545,952	1,572,343	346,712	1,919,055
Oklahoma.....	243,932	22,473	265,405	520,376	78,253	598,629
Oregon.....	151,200	18,437	169,637	264,601	40,473	305,104
Pennsylvania.....	2,017,052	431,537	2,448,589	2,526,245	605,486	3,130,681
Rhode Island.....	139,829	52,094	191,923	180,962	70,939	251,901
South Carolina.....	389,645	181,350	570,995	460,794	267,833	728,027
South Dakota.....	121,512	15,044	137,156	190,363	28,714	219,077
Tennessee.....	611,383	116,204	727,587	682,248	173,298	855,546
Texas.....	892,641	140,392	1,033,033	1,228,422	328,444	1,556,866
Utah.....	73,840	10,764	84,604	113,113	18,427	131,540
Vermont.....	112,181	22,752	134,933	115,781	28,308	144,089
Virginia.....	536,883	125,532	662,415	626,808	168,700	795,508
Washington.....	204,606	20,781	225,387	455,375	66,126	521,501
West Virginia.....	294,502	31,161	326,663	384,390	54,100	448,490
Wisconsin.....	616,391	116,147	732,538	729,804	162,008	892,412
Wyoming.....	41,264	3,004	44,268	67,503	6,013	73,006
Total.....	23,753,836	5,319,397	29,073,233	30,091,564	8,075,772	38,167,336
<i>Geographic divisions.<sup>1</sup></i>						
New England.....	1,790,163	586,206	2,376,369	2,139,529	775,151	2,914,680
Middle Atlantic.....	4,944,718	1,268,104	6,202,822	6,380,198	1,828,687	8,208,885
East North Central.....	4,980,202	907,271	5,887,473	5,975,303	1,282,590	7,257,953
West North Central.....	3,202,916	490,260	3,693,176	3,758,603	690,440	4,449,043
South Atlantic.....	3,093,091	907,440	4,000,531	3,797,257	1,390,472	5,187,729
East South Central.....	2,288,237	600,192	2,888,429	2,659,000	940,605	3,599,695
West South Central.....	1,949,697	371,629	2,321,326	2,780,782	746,299	3,507,031
Mountain.....	592,661	71,155	663,816	967,924	140,013	1,107,937
Pacific.....	912,161	127,140	1,030,201	1,652,818	281,515	1,934,333

<sup>1</sup> For States included in each division, see note 5, p. 32.

**No. 183.—STRIKES IN COAL MINES: NUMBER OF MEN ON STRIKE, TOTAL DAYS LOST, AND AVERAGE DAYS LOST PER MAN, CALENDAR YEARS 1916 AND 1917, BY STATES.**

[Source: Reports of the Geological Survey, Department of the Interior.]

State.	1916			1917		
	Men on strike.	Days lost.	Average days lost per man.	Men on strike.	Days lost.	Average days lost per man.
Alabama.....	300	920	3	1,835	10,220	6
Arkansas.....	1,009	30,847	31	2,417	27,315	11
Colorado.....	38	82	2	1,664	7,292	4
Illinois.....	5,043	55,416	11	38,781	465,511	12
Indiana.....	8,154	154,974	19	11,914	74,695	6
Iowa.....	2,214	32,587	15	3,275	18,407	6
Kansas.....	6,308	152,833	24	7,312	128,514	18
Kentucky.....	4,830	269,859	56	9,948	425,725	46
Maryland.....	181	6,540	36	1,523	24,005	16
Michigan.....	1,416	18,189	13	163	1,904	12
Missouri.....	2,331	14,837	6	2,175	31,767	15
Montana.....	306	1,530	4	1,063	23,080	22
New Mexico.....				85	775	9
Ohio.....	26	73	3	82	811	10
Oklahoma.....	7,594	156,689	21	7,710	58,875	7
Oregon.....				25	25	1
Pennsylvania.....	36,276	1,200,479	33	23,655	544,322	23
Texas.....	350	3,784	11	4,448	192,730	43
Utah.....	2,218	62,905	28	75	260	3
Virginia.....				232	2,283	10
Washington.....	1,203	13,304	11	192	840	4
West Virginia.....	4,540	86,352	19	6,166	111,479	18
Wyoming.....	276	308	1			
Total bituminous.....	84,731	2,262,524	26	124,140	2,150,095	14
Pennsylvania anthracite.....	79,481	955,067	12	34,220	181,155	5

**No. 184.—SUMMARY OF STRIKES IN COAL MINES: NUMBER OF MEN ON STRIKE, DAYS LOST, AND AVERAGE DAYS LOST PER MAN, CALENDAR YEARS 1906 TO 1917.**

[Source: Reports of the Geological Survey, Department of the Interior.]

Year.	Men on strike.	Working days lost.	Average days lost per man.	Year.	Men on strike.	Working days lost.	Average days lost per man.
1906.....	372,343	10,201,348	51.5	1912.....	311,056	12,527,305	40.0
1907.....	32,540	402,392	14.0	1913.....	135,395	3,040,412	22.5
1908.....	145,145	5,449,938	38.0	1914.....	161,720	11,013,667	68.0
1909.....	24,768	723,634	29.0	1915.....	67,190	2,467,431	37.0
1910.....	218,493	19,250,524	88.0	1916.....	170,633	3,344,588	19.5
1911.....	41,413	983,737	24.0	1917.....	155,360	2,311,250	15.0

<sup>1</sup> Bituminous mines only.

**No. 185.—COAL MINES, ANTHRACITE AND BITUMINOUS: NUMBER OF MEN EMPLOYED, NUMBER OF DAYS WORKED, AND AVERAGE TONNAGE MINED PER MAN PER DAY AND PER CALENDAR YEAR, 1907, 1908, AND 1911 TO 1917.**

[Source: Reports of the Geological Survey, Department of the Interior.]

Year.	Anthracite.				Bituminous.			
	Men employed.	Days worked.	Average tonnage per man per day.	Average tonnage per man per year.	Men employed.	Days worked.	Average tonnage per man per day.	Average tonnage per man per year.
1907.....	167,234	220	2.33	512	513,258	234	3.20	769
1908.....	174,174	200	2.39	478	516,204	193	3.34	644
1911.....	172,585	246	2.13	524	549,775	211	3.50	738
1912.....	174,030	231	2.10	485	548,632	223	3.68	820
1913.....	175,745	257	2.02	520	571,882	232	3.61	837
1914.....	179,679	245	2.06	505	583,506	195	3.71	724
1915.....	176,582	230	2.19	504	657,456	203	3.91	794
1916.....	159,869	263	2.16	548	601,102	230	3.90	896
1917.....	154,174	285	2.27	646	603,143	243	3.77	915

## WAGE EARNERS IN MANUFACTURING INDUSTRIES.

No. 186.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS AND BY INDUSTRIES.  
 [Source: Reports of the Bureau of the Census, Department of Commerce. The maximum month of employment for each industry is shown by black figures and the minimum month by italic figures.]

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.										Per cent minimum forms of maximum.	
		Jan.- uary.	Feb.- ruary.	March.	April.	May.	June.	July.	August.	Septem- ber.	Octo- ber.	Novem- ber.	Decem- ber.
Aeroplanes and parts.....	168	162	157	152	147	151	144	154	180	194	211	210	68.2
Agricultural implements.....	48,459	61,746	61,900	58,143	54,305	49,904	46,980	45,169	37,340	39,536	44,219	47,048	55.9
Aluminum ware.....	4,614	4,027	4,285	4,579	4,507	4,532	4,580	4,471	4,669	4,782	4,911	5,018	50.3
Ammunition.....	11,493	10,525	10,768	10,924	10,886	10,814	10,936	10,820	10,602	11,366	12,565	13,422	14,577
Artificial flowers.....	4,308	4,572	4,807	5,137	5,102	4,331	3,840	3,902	4,386	5,247	5,382	5,418	65.6
Artificial limbs.....	488	492	493	489	482	492	484	480	485	491	488	479	70.9
Artificial stone products.....	10,255	6,186	6,311	7,843	11,372	12,840	13,201	13,118	12,779	12,360	10,951	7,157	46.0
Artists' materials.....	604	619	605	603	610	588	579	578	589	617	641	612	60.9
Asbestos products, not including steam-packing.....	986	1,008	1,024	971	922	883	960	916	933	989	923	88.9	
Automobile bodies and parts.....	47,785	47,280	47,702	50,941	52,633	51,511	48,612	46,811	46,550	47,270	48,829	43,988	82.2
Automobiles.....	79,307	79,694	83,440	84,832	85,271	81,130	74,094	72,787	79,449	80,975	80,838	74,161	75,062
Automobile repairing.....	12,562	11,652	11,691	12,653	12,664	12,121	12,664	12,210	13,195	13,084	12,764	12,425	85.3
Awnings, tents, and sails.....	5,373	3,953	4,103	4,716	5,822	6,811	7,072	6,263	4,776	4,601	4,359	4,021	56.8
Babbits, metal and solder.....	1,035	986	9,023	9,072	9,078	9,129	9,080	9,056	9,050	9,039	9,026	9,015	55.7
Bags, other than paper.....	9,558	8,968	9,023	9,384	9,399	9,308	9,578	9,951	9,326	9,318	9,420	8,747	87.7
Bags, paper, not including bags made in paper mills.....	3,505	3,443	3,457	3,470	3,482	3,420	3,374	3,489	3,701	3,766	3,666	3,470	88.0
Baking powders and yeast.....	2,270	2,261	2,281	2,323	2,338	2,389	2,320	2,194	2,278	2,159	2,159	2,159	90.4
Baskets and rattan and willow ware.....	4,574	3,921	4,099	4,338	4,705	4,885	5,032	5,300	5,329	4,433	3,938	3,826	71.8
Bells.....	445	478	465	467	473	467	443	428	426	421	419	419	57.7
Belted and hose, rubber.....	5,115	5,103	5,044	5,068	5,117	5,171	5,274	5,243	5,041	5,166	5,183	4,910	58.1
Betting and hose, woven.....	952	951	1,011	996	1,000	951	952	949	938	945	901	865	87.5
Betting, leather.....	2,651	3,004	3,004	2,988	2,940	2,913	2,879	2,894	2,914	2,953	2,975	2,958	95.8
Billiard tables and materials.....	1,453	1,661	1,559	1,527	1,487	1,490	1,443	1,205	1,355	1,427	1,439	1,420	81.0
Blacking, stains, and dressings.....	1,766	1,682	1,825	1,833	2,030	2,039	1,825	1,774	1,677	1,614	1,630	1,604	76.0
Bluing.....	254	228	242	250	246	250	256	267	261	272	270	259	237
Bone carion, and lampblack.....	339	306	304	300	306	306	309	350	369	388	387	353	76.9
Bookbinding and blank-book making.....	21,693	22,166	22,311	22,526	22,698	21,761	21,888	21,272	21,876	21,191	20,878	21,147	92.6
Boot and shoe cut stock, exclusive of that produced in door and shoe factories.....	7,819	8,292	8,494	8,449	8,095	7,670	7,581	7,505	7,710	7,689	7,651	7,537	84.5
Boot and shoe findings, exclusive of that produced in door and shoe factories.....	6,714	7,617	7,476	7,169	6,325	6,631	6,309	6,272	6,449	6,252	6,336	6,496	82.1
Boots and shoes.....	191,555	200,739	203,135	198,772	188,856	188,934	191,110	193,344	191,036	186,740	183,653	188,212	188,119
Boots and shoes, rubber.....	18,637	18,286	18,613	18,535	18,752	18,776	18,752	18,752	18,752	18,752	18,752	18,377	82.1

WAGE EARNERS IN MANUFACTURING INDUSTRIES. 277

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## WAGE EARNERS IN MANUFACTURING INDUSTRIES.

186.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Wage earners employed on the 15th day of each month or nearest representative day.										Per cent min- imum from maxi- mum.		
	Average number em- ployed during year.	Jan. uary.	Feb. ruary.	March.	April.	May.	June.	July.	August.	Septem- ber.	Octo- ber.	Novem- ber.	Decem- ber.
Collars and cuffs, men's, women's, and children's.....	10,100	10,056	10,017	10,108	10,150	10,107	9,982	9,681	9,688	10,081	10,325	10,194	88.7
Couloids and hairpins, not made from metal or rubber.....	2,773	2,814	2,939	3,052	2,700	2,502	2,288	2,395	2,774	3,161	3,265	2,731	71.7
Condensed milk and milk products other than butter and cheese.....	5,287	5,513	5,653	6,016	5,072	49,582	6,956	6,823	6,161	5,360	5,360	5,482	75.9
Confectionery and ice cream.....	63,658	51,092	52,693	51,092	52,693	47,302	48,388	48,074	58,424	62,080	66,241	59,754	77.4
Cooperage.....	17,128	16,656	16,659	17,101	17,360	17,360	17,153	16,856	17,762	17,758	16,811	16,596	91.5
Copper, tin, and sheet-iron work.....	28,714	27,812	27,916	27,945	28,538	28,521	29,276	29,652	29,674	29,674	29,683	29,656	80.9
Cordwaining and tanning.....	16,759	16,427	16,478	16,478	16,516	16,346	15,645	15,645	14,028	15,708	15,288	15,555	80.9
Cordials and flavoring syrup.....	829	809	811	811	901	983	1,488	935	917	1,025	837	781	53.6
Cort, cutting.....	3,454	3,716	3,733	3,720	3,587	3,557	3,443	3,313	3,466	3,222	2,987	2,969	78.3
Corslets.....	20,436	21,633	22,082	22,289	22,315	21,619	21,056	20,238	19,800	18,513	18,049	17,749	79.5
Corset goods.....	379	366	382	386	447	386	959	364	375	494	369	324	94.7
Corner small wares.....	6,508	6,723	6,804	6,831	6,886	6,894	6,605	6,585	6,376	6,458	6,115	6,335	92.0
Crushes.....	302	314	326	321	316	310	286	298	294	286	308	287	89.1
Cutlery and edge tools.....	16,561	17,005	17,437	17,326	17,188	16,962	16,807	16,856	16,125	16,112	16,277	16,084	87.9
Dairymen's, poultrymen's, and apiculturists' supplies.....	5,551	6,543	6,768	6,389	5,803	5,551	5,194	4,927	4,780	4,684	4,803	5,265	69.2
Dental goods.....	3,328	3,389	3,386	3,410	3,494	3,458	3,453	2,675	2,749	2,656	2,600	2,572	74.4
Drug refining.....	1,059	1,063	1,076	1,072	1,049	1,046	1,042	1,076	1,065	1,070	1,032	1,032	93.7
Drapers' and tailors' preparations.....	9,277	9,449	9,558	9,540	9,423	9,311	9,146	8,976	9,301	9,351	9,247	9,067	92.6
Dyeing and finishing textiles, exclusive of that done in textile mills.....	48,497	49,059	50,389	51,070	50,815	49,681	49,231	47,915	46,881	48,007	47,662	45,523	88.6
Eyes, ears, and extracts.....	2,889	2,719	2,692	2,719	2,838	2,845	2,849	2,798	2,785	2,917	2,917	2,967	89.1
Electrical machinery, apparatus, and supplies.....	118,078	128,766	126,610	126,240	129,742	120,956	118,520	116,347	113,788	110,944	108,203	107,277	88.3
Electroplating.....	2,554	2,555	2,567	2,583	2,572	2,599	2,588	2,542	2,594	2,665	2,665	2,614	93.5
Engineering and other abrasive wheels.....	2,387	2,554	2,425	2,496	2,570	2,435	2,381	2,319	2,265	2,202	2,197	2,241	85.4
Fastening.....	1,314	1,379	1,358	1,367	1,338	1,370	1,363	1,314	1,226	1,270	1,250	1,255	86.9
Fathoming steam, gas, and water.....	26,637	30,183	30,885	31,313	32,933	31,632	30,886	30,114	30,010	28,064	26,946	27,143	83.3
Farriers' materials.....	106	103	104	105	105	105	105	105	100	102	110	112	89.3
Farthingale making and dressing.....	1,836	1,527	1,320	1,539	1,515	1,531	1,504	1,511	1,530	1,555	1,550	1,626	92.5
Flavoring, steel and copperplate, including plate printing.....	6,839	7,020	6,977	6,917	6,951	7,032	6,971	6,710	6,624	6,724	6,761	6,704	94.3
Graving, wood.....	302	296	285	295	298	322	321	335	329	289	289	291	94.3
Gravers' and engravers' materials.....	970	7,007	6,985	7,128	7,174	7,085	6,965	6,771	6,954	6,986	6,908	6,850	94.4
Explosives.....	6,306	6,393	6,168	6,215	6,154	5,917	5,910	5,947	5,947	5,955	6,129	7,014	73.9
Other articles, not elsewhere specified.....	7,399	6,612	7,048	7,102	7,251	7,251	7,251	7,252	7,252	7,252	7,252	7,246	84.7

## WAGE EARNERS IN MANUFACTURING INDUSTRIES.

71.0	Feathers and plumes.....	4,239	4,632	4,051	3,889
71.1	Felt goods.....	4,045	4,045	3,963	3,952
71.2	Fertilizers.....	32,977	32,977	18,249	17,664
71.3	Files.....	7,747	7,747	4,164	4,020
71.4	Firearms.....	7,343	7,343	4,400	4,204
71.5	Fire extinguishers, chemical.....	7,227	7,227	6,761	6,761
71.6	Fireworks.....	2,260	2,260	1,621	1,621
71.7	Flags and banners.....	1,531	1,531	1,691	1,691
71.8	Flavoring extracts.....	1,495	1,495	1,552	1,552
71.9	Flax and hemp, dressed.....	1,407	1,407	1,351	1,351
72.0	Flour-mill and gristmill products.....	1,351	1,351	1,351	1,351
72.1	Food preparations, not elsewhere specified.....	1,341	1,341	1,341	1,341
72.2	Founding and machine-shop products.....	1,325	1,325	1,325	1,325
72.3	Fuel, manufactured.....	1,295	1,295	1,295	1,295
72.4	Furniture.....	1,255	1,255	1,255	1,255
72.5	Furs, dressed.....	1,255	1,255	1,255	1,255
72.6	Galvanizing.....	1,255	1,255	1,255	1,255
72.7	Gas, illuminating and heating.....	1,255	1,255	1,255	1,255
72.8	Gas machines, and gas and water meters.....	1,255	1,255	1,255	1,255
72.9	Glass.....	1,255	1,255	1,255	1,255
73.0	Glass, eniting, staining, and ornamenting.....	1,255	1,255	1,255	1,255
73.1	Gloves and mittens, leather.....	1,255	1,255	1,255	1,255
73.2	Glucose and starch.....	1,255	1,255	1,255	1,255
73.3	Glue. Not elsewhere specified.....	1,255	1,255	1,255	1,255
73.4	Gold and silver, lead and foil.....	1,255	1,255	1,255	1,255
73.5	Graphite, ground and refined, not including lubricating grease.....	1,255	1,255	1,255	1,255
73.6	Haircloth.....	1,255	1,255	1,255	1,255
73.7	Hammocks.....	1,255	1,255	1,255	1,255
73.8	Hardware.....	1,255	1,255	1,255	1,255
73.9	Hat hardware, saddleery.....	1,255	1,255	1,255	1,255
74.0	Hat and cap materials.....	1,255	1,255	1,255	1,255
74.1	Hats and caps, other than felt, straw, and wool.....	1,255	1,255	1,255	1,255
74.2	Hats, fur-felt.....	1,255	1,255	1,255	1,255
74.3	Hats, straw.....	1,255	1,255	1,255	1,255
74.4	Hats, wool-felt.....	1,255	1,255	1,255	1,255
74.5	Horseshoes, not made in steatworks or rolling mills.....	1,255	1,255	1,255	1,255
74.6	Hosiery and knit goods.....	1,255	1,255	1,255	1,255

No. 186.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.										Per cent minimum forms of maximum.
		Jan. uary.	Febr. uary.	March.	April.	May.	June.	July.	August.	Sept. tember.	Octo. ber.	Novem. ber.
House-furnishing goods, not elsewhere specified.	6,935	6,797	6,872	7,052	7,026	6,937	6,789	6,957	7,176	7,051	6,760	94.2
Ice, manufactured.	23,011	15,144	15,650	17,128	21,023	25,856	30,825	32,104	28,896	18,085	15,990	46.6
Ink, printing.	1,301	1,283	1,494	1,574	1,577	1,395	1,402	1,402	1,414	1,414	1,392	97.2
Ink, writing.	512	462	6,670	7,101	7,161	7,255	7,257	7,301	7,038	7,113	6,483	82.8
Instruments, professional and scientific.	7,407	6,795	7,183	7,313	7,351	7,333	7,327	7,321	7,364	7,364	6,988	88.2
Iron and steel, blast furnaces.	29,356	31,838	31,869	32,813	32,851	31,733	30,782	29,921	29,000	27,757	26,407	77.0
Iron and steel, rolling mills.	248,716	257,651	262,418	271,531	270,941	254,443	254,827	252,080	247,933	249,635	233,338	218,586
Iron and steel, bolts, nuts, washers, and rivets, not made in steelworks or rolling mills.	10,658	11,166	11,903	11,132	11,328	11,079	10,649	10,787	10,721	10,393	9,948	88.0
Iron and steel, doors and shutters.	1,985	1,946	2,028	1,921	1,980	1,944	1,817	1,857	1,859	1,957	2,139	2,132
Iron and steel, forgings, not made in steelworks or rolling mills.	10,689	10,926	11,148	11,472	11,372	10,877	10,465	10,589	10,459	10,372	10,178	10,012
Iron and steel, nails and spikes, cut and wrought, including wire nails not made in steelworks or rolling mills.	2,644	2,775	2,743	2,746	2,721	2,612	2,562	2,550	2,551	2,565	2,625	2,644
Iron and steel, cast-iron pipe.	12,557	11,816	12,572	12,193	12,701	12,613	12,849	13,221	13,427	13,211	12,555	93.0
Iron and steel, wrought pipe.	8,345	9,324	9,794	9,326	10,764	9,947	8,804	9,766	8,481	7,436	6,796	83.3
Ivory, shell and bone-work, not including combs and hairpins.	795	804	823	821	905	787	783	780	774	805	807	758
Japaning.	223	225	224	223	256	253	238	231	229	224	210	209
Jewelry and instrument cases.	38,239	30,941	29,314	28,741	28,668	27,709	26,442	26,807	28,075	28,657	27,150	76.0
Jute goods.	2,393	2,284	2,303	2,388	2,359	2,353	2,318	2,292	2,351	2,487	2,626	87.4
Lace, cotton.	7,987	8,221	8,234	8,308	8,388	8,386	8,328	8,266	8,050	7,891	7,237	84.2
Labels and tags.	2,600	2,614	2,616	2,625	2,577	2,598	2,635	2,621	2,621	2,604	2,583	84.2
Lamps and reflectors.	7,134	7,944	7,990	8,182	7,955	7,594	7,307	7,220	7,188	7,156	6,753	87.5
Linen work.	384	773	7,773	7,980	8,032	8,047	7,283	7,106	6,759	6,635	6,592	6,719
Lard, not made in slaughtering and meat-packing establishments.	19	19	20	21	18	18	18	18	18	20	21	19
Leather.	2,094	2,323	2,362	2,203	2,088	2,051	1,997	2,102	2,054	1,905	1,979	85.7
Leather, not elsewhere specified.	585	597	591	596	592	589	606	605	600	576	566	80.6
Leather, tanned, curried, and finished.	7,071	6,677	6,820	6,581	6,850	6,807	6,939	6,988	7,553	7,354	7,417	92.2
Lime.	55,936	58,230	58,455	58,233	58,001	57,009	56,550	56,216	54,294	53,715	53,735	85.0
Linen goods.	12,429	11,076	10,811	11,961	13,164	13,407	13,154	13,745	13,670	12,876	11,768	80.6
Liquors, distilled.	3,567	3,683	3,681	3,719	3,704	3,603	3,451	3,422	3,498	3,350	3,549	90.8
Liquors, malt.	6,295	6,889	6,841	7,072	6,849	6,370	5,601	5,251	5,378	6,095	6,164	74.3
Lead, bar, pipe, and sheet.	62,070	59,343	58,970	59,310	60,626	62,881	66,933	67,473	66,423	63,559	61,279	87.0

WAGE EARNERS IN MANUFACTURING INDUSTRIES. 281

No. 186.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.										Percent minimum forms of maximum.	
		Jan.	Feb.	March	April	May	June	July	August	September	October		
Photographs and graphphones.	9,331	9,276	9,050	9,413	9,441	9,617	9,177	9,523	9,673	8,743	9,017	9,635	10,007
Photo-engraving, not done in printing establishments.	6,211	6,317	6,268	6,306	6,339	6,298	6,207	6,136	6,121	6,080	6,132	6,137	6,191
Photographic apparatus.	2,016	2,087	2,169	2,192	2,166	2,113	2,029	1,978	1,954	1,882	1,819	1,813	1,813
Photographic materials.	6,658	6,919	7,020	7,024	7,012	6,919	6,879	6,888	6,809	6,796	6,177	5,981	5,972
Pickles, preserves, and sauces.	12,580	10,276	10,752	10,323	10,026	10,179	11,641	12,312	14,381	19,136	17,540	12,980	11,534
Pipes, tobacco.	2,331	2,442	2,477	2,491	2,453	2,254	2,205	2,386	2,214	2,238	2,371	2,158	2,158
Plated ware.	8,717	8,817	9,097	9,191	9,049	8,904	8,664	8,204	8,448	8,994	8,734	8,922	8,920
Plumbers' supplies, not elsewhere specified.	18,479	17,386	18,333	18,483	18,529	18,522	19,047	18,372	19,394	18,718	18,332	17,222	17,205
Pocketbooks.	1,466	1,300	1,389	1,545	1,506	1,432	1,383	1,438	1,517	1,627	1,695	1,492	1,492
Porfery, killing and dressing.	26,705	26,034	26,732	27,240	26,790	26,653	25,555	26,754	26,983	27,188	26,179	26,179	26,179
Poultry, killing and dressing.	1,135	1,408	996	994	984	965	1,016	956	952	1,050	1,042	2,703	3,158
Printing and publishing, book and job.	113,121	114,968	115,215	116,496	114,034	113,221	112,223	110,453	110,473	111,989	112,882	112,726	112,882
Printing and publishing, newspaper and periodicals.	873	893	889	901	887	870	850	847	849	873	877	884	884
Printing materials.	114,375	114,392	114,485	114,838	114,812	114,812	114,445	112,555	112,504	113,684	115,041	115,248	115,334
Pulp goods.	423	411	409	411	429	438	410	405	422	445	445	434	434
Pulpwood.	1,654	1,421	528	1,800	1,800	1,764	1,757	1,719	1,701	1,592	1,560	1,519	1,403
Pumps, not including power pumps.	2,124	2,250	2,263	2,313	2,305	2,217	2,151	2,132	2,045	1,945	1,997	1,930	1,835
Pumps, steam and oilen pumps.	6,188	6,056	6,068	6,566	6,497	6,496	6,108	6,266	6,227	6,127	6,127	5,929	5,929
Refrigerators.	5,617	6,971	7,971	7,007	7,086	7,128	7,100	7,987	7,916	7,482	7,928	7,928	7,928
Regalia and society badges and emblems.	1,253	1,753	1,690	1,342	1,175	1,211	1,319	1,344	1,322	1,008	1,367	1,701	1,943
Rice, cleaning and polishing.	4,088	3,925	3,787	4,003	4,232	4,240	4,205	4,131	4,225	4,314	4,370	3,729	3,729
Roofing materials.	50,220	47,201	50,788	54,078	57,317	58,246	54,324	51,414	46,617	46,829	45,881	44,574	45,271
Rubber goods, not elsewhere specified.	408	515	483	472	455	400	398	382	376	351	332	344	373
Rules, iron and wood.	12,959	13,765	13,854	13,653	13,389	13,135	12,834	12,456	12,105	11,876	12,401	12,759	13,491
Saddlery and harness.	2,977	3,148	3,290	3,142	3,157	3,108	3,065	2,978	2,842	2,777	2,721	2,721	2,721
Sails.	5,059	4,731	4,654	4,515	5,086	5,128	5,107	5,221	5,418	5,492	5,150	4,971	4,971
Sand-and-silica paper and cloth.	631	747	736	736	624	622	616	625	633	645	715	729	82,5
Sand-dime brick.	557	404	526	493	544	714	686	702	604	615	476	450	55,0
Sausage, not made in slaughtering and meat-packing establishments.	2,244	2,270	2,259	2,228	2,177	2,174	2,186	2,218	2,250	2,270	2,303	2,309	2,284
Saws.	4,560	4,755	4,733	4,784	4,775	4,710	4,662	4,584	4,494	4,382	4,299	4,294	4,294
Scales and balances.	4,407	4,659	4,807	4,885	4,774	4,711	4,616	4,460	4,118	4,005	3,941	3,864	3,864
Screws, machine.	3,643	3,808	3,814	3,814	3,815	3,815	3,647	3,688	3,688	3,688	3,688	3,688	3,688

Screws, wood.....	5,171	4,658	4,512	4,264	3,920	3,794
Sewing-machine cases.....	5,036	4,249	4,183	4,027	3,952	3,757
Sewing machine and attachments.....	3,690	4,236	4,155	4,093	3,919	3,489
Shainbuilding, iron and steel.....	14,395	16,156	15,803	15,739	15,220	12,912
Shainbuilding, wooden, including boat building.....	10,931	10,776	10,341	11,746	12,305	12,522
Shifts.....	9,972	56,497	56,880	53,488	51,365	48,164
Show cases.....	5,257	2,301	2,333	2,385	2,374	2,184
Signs and advertising novelties.....	9,536	9,283	9,256	9,282	9,163	9,327
Silk goods, including throwsters.....	108,170	107,769	108,712	110,879	111,706	112,761
Silversmithing and silversware.....	7,070	7,283	7,214	7,110	6,973	6,929
Slathering and meat packing.....	98,832	106,613	103,082	99,633	95,090	91,973
Smelting and refining, copper.....	17,731	20,778	20,381	19,564	20,725	20,502
Smelting and refining, lead.....	7,385	7,752	7,541	7,560	7,512	7,449
Smelting and refining, zinc.....	9,617	9,748	9,663	9,824	9,633	9,439
Soap.....	108,170	107,769	108,712	110,879	111,706	112,761
Sports and athletic goods.....	5,602	5,893	5,886	5,961	5,478	5,501
Springs, steel car, and carriage, not made in	3,703	3,584	3,566	3,790	3,818	3,806
Stairways or rolling mills.....	28,731	28,732	29,787	30,785	30,537	30,046
Stamped and enamelled ware, not elsewhere	7,723	7,001	7,737	7,953	7,879	7,894
Specified goods, not elsewhere specified.....	1,968	1,868	1,907	1,959	1,985	1,941
Stationary and art goods.....	26,388	26,388	27,061	27,388	29,767	26,483
Steam fittings and steam and hot-water heating apparatus.....	4,213	4,446	4,499	4,473	4,293	4,185
Steers, packing.....	3,457	4,453	4,462	4,452	4,454	4,444
Stencil and brands.....	3,470	3,470	3,511	3,494	3,487	3,455
Stereotyping and electrotyping.....	28,555	27,112	30,828	31,456	31,456	31,456
Stoves and hot-air furnaces.....	7,700	7,622	8,127	8,373	8,612	8,455
Stoves, gas and oil.....	47,167	46,876	45,859	45,744	46,508	48,279
Structural ironwork, not made in steelworks or rolling mills.....	7,997	8,622	8,627	8,637	8,164	8,389
Sugar, beet.....	3,632	1,453	883	673	701	723
Sugar, cane.....	11,253	9,119	9,910	11,722	11,983	12,229
Suspension, nitric, and mixed acids.....	3,064	2,653	2,903	2,900	2,908	2,926
Surgical appliances.....	9,646	9,632	9,722	9,975	10,027	9,922
Theatrical scenery.....	88	80	81	78	87	90
Tin plate and tinfoil.....	5,238	5,222	5,277	5,686	5,702	5,591
Tinware, not elsewhere specified.....	22,584	20,485	21,422	22,137	23,204	23,505
Tobacco, chewing and smoking and snuff.....	25,930	26,555	27,382	27,995	27,586	26,320
Tobacco, cigars, and cigarettes.....	152,892	151,935	153,232	153,338	149,915	152,070
Toys, not elsewhere specified.....	7,887	6,745	6,488	6,853	7,105	7,734
Trunks and valises.....	9,911	9,316	10,324	10,427	10,633	10,313
Turpentine and rosin.....	34,817	33,717	33,984	35,759	37,408	37,767
Type founding.....	1,054	1,060	1,094	1,112	1,114	1,056
Typewriters and supplies.....	11,091	13,074	13,164	13,273	13,228	12,891

No. 186.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS AND BY INDUSTRIES—Continued.

Industry.	Average number employed during year.	Wage earners employed on the 15th day of each month or nearest representative day.						Per cent minimum forms or maximum.
		Jan.- uary.	Feb.- ruary.	March.	April.	May.	June.	
Umbrellas and canes.....	4,792	5,015	5,143	5,060	4,981	4,760	4,473	4,726
Upholstering materials, not elsewhere specified.....	4,426	4,535	4,471	4,523	4,562	4,574	4,298	4,216
Varnishes.....	2,734	2,721	2,776	2,841	2,874	2,881	2,922	2,737
Vault lights and ventilators.....	546	546	546	553	616	633	620	635
Vinegar and cider.....	601	601	550	708	777	778	815	882
Wall paper, not made in paper mills.....	1,229	5,617	5,616	5,302	4,684	4,448	4,007	3,945
Wall plaster.....	4,738	5,176	5,176	5,230	5,695	5,691	5,697	5,750
Washing machines and clothes wringers.....	5,389	4,966	4,988	5,230	5,695	5,691	5,697	5,750
Waste.....	2,371	2,461	2,461	2,512	2,503	2,528	2,521	2,516
Watch and clock materials.....	2,975	3,050	3,108	2,982	3,027	3,074	2,854	3,030
Watchcases.....	670	727	715	706	691	653	629	635
Watches.....	12,300	12,953	12,885	12,913	12,487	12,557	12,688	12,185
Wheelbarrows.....	323	323	207	287	416	416	324	305
Whips.....	1,163	1,193	1,203	1,245	1,213	1,198	1,138	1,154
Windmills, not elsewhere specified.....	1,195	2,051	2,064	2,052	2,077	1,992	2,006	1,940
Window and door screens and weather strips.....	3,194	3,659	3,214	3,495	3,878	3,924	3,786	3,049
Window shades and fixtures.....	4,077	4,086	4,070	4,134	4,230	4,149	4,149	4,055
Wire.....	17,600	18,483	18,733	18,816	18,388	17,864	17,875	17,006
Wirework, including wire rope and cable, not elsewhere specified.....	12,126	12,544	12,648	12,756	12,553	12,106	11,008	11,650
Wood carpet.....	166	122	120	159	165	164	163	200
Wood distillation, not including turpentine and rosin.....	2,782	3,531	3,359	2,887	2,552	2,463	2,453	2,607
Wood preserving.....	2,830	2,809	2,644	2,511	2,818	2,932	2,931	3,010
Wood, turned and carved.....	11,615	12,414	12,655	12,442	12,343	11,870	11,938	10,966
Wooden goods, not elsewhere specified.....	6,418	6,478	6,681	6,476	6,794	6,581	6,388	6,279
Wood pulsing.....	708	738	720	750	723	706	671	690
Wool securities.....	1,050	1,044	1,132	1,161	1,087	1,193	1,118	1,096
Woolen and worsted goods.....	158,692	158,262	158,745	163,850	164,175	163,625	156,463	153,601
Wool shoddy.....	2,145	2,143	2,224	2,220	2,356	2,188	2,137	2,097
All other.....	367	397	385	385	381	358	347	322
Total.....	7,083,337	7,075,682	7,141,594	7,242,752	7,217,320	7,148,450	7,109,368	7,018,867
								7,020,683
								7,006,815
								6,736,908
								6,640,284
								91,7

<sup>1</sup> "All other" includes "Millstones," 2 establishments; "Ordnance and accessories," 2 establishments; "Pulp, from fiber other than wood," 3 establishments; and "Whalebone cutting," 1 establishment.

Total.

No. 187.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS, BY STATES, AND BY GEOGRAPHIC DIVISIONS.

[Source: Reports of the Bureau of the Census, Department of Commerce. The maximum month of employment is shown by black figures and the minimum month by italic figures.]

State,	Average number employed during year.	Wage earners employed on the 15th day of each month, or nearest representative day.										Per cent minimum forms of maximum.	
		January	February	March	April	May	June	July	August	September	October	November	
Alabama.....	78,717	80,668	81,479	83,080	81,555	79,208	78,532	79,646	79,181	78,750	76,231	73,252	73,023
Arizona.....	6,896	6,915	7,079	7,053	7,132	7,078	7,774	7,715	7,076	5,916	6,029	87,9	75,2
Arkansas.....	41,918	41,636	41,252	41,011	41,368	42,710	44,558	45,106	43,652	42,951	40,265	38,810	35,3
California.....	139,481	119,638	121,611	126,749	135,252	140,921	144,762	157,654	151,772	159,574	152,431	132,945	121,653
Colorado.....	27,278	26,816	26,519	24,836	25,489	25,710	26,667	28,248	27,994	27,159	27,004	25,467	25,417
Connecticut.....	226,264	228,032	230,542	233,083	232,162	231,493	228,252	223,931	219,789	222,839	223,118	220,393	221,543
District of Columbia.....	22,115	21,304	21,776	21,861	21,908	22,834	21,418	24,134	28,364	23,667	18,922	18,187	64,1
Florida.....	58,877	58,666	58,672	8,638	8,725	9,003	8,869	8,765	8,885	8,995	9,064	9,227	93,8
Georgia.....	104,461	103,508	113,257	115,286	109,469	103,560	101,839	101,703	100,986	100,934	100,428	98,749	97,751
Idaho.....	8,919	6,915	6,444	7,577	8,738	9,853	10,563	10,368	10,091	9,821	8,783	7,806	60,6
Illinois.....	506,943	517,634	518,292	521,732	514,505	503,605	512,246	505,982	502,803	504,543	505,655	488,164	455,275
Indiana.....	197,503	196,936	198,650	203,312	205,317	205,442	203,167	199,206	205,040	195,206	195,265	176,939	85,9
Iowa.....	63,113	61,051	62,144	62,970	62,932	63,658	63,519	67,845	67,085	63,639	60,946	60,661	89,4
Kansas.....	41,259	40,351	39,748	38,986	40,170	40,481	41,295	42,361	41,334	42,285	42,290	41,354	43,0
Kentucky.....	64,586	63,088	63,892	65,894	66,072	65,995	65,633	65,207	66,145	66,067	64,742	61,981	60,486
Louisiana.....	77,665	78,445	77,335	78,311	78,905	79,604	79,205	77,889	78,946	78,156	75,032	77,915	92,6
Maine.....	82,149	82,527	82,406	83,457	79,919	82,512	80,810	78,888	78,811	88,953	81,183	77,796	88,4
Maryland.....	111,585	106,887	105,436	110,167	110,988	110,879	110,202	123,844	124,857	118,933	101,335	99,763	73,9
Massachusetts.....	606,698	626,776	623,555	628,344	619,082	611,928	595,809	588,703	589,104	590,992	587,341	580,489	91,6
Michigan.....	271,090	273,067	277,824	282,176	278,103	269,532	268,389	274,164	273,866	270,454	264,678	249,777	88,5
Minnesota.....	92,684	93,336	90,982	91,417	92,257	92,310	92,007	91,126	89,739	90,525	89,202	88,995	88,9
Mississippi.....	46,702	46,368	47,519	47,810	44,290	45,296	45,097	46,143	47,774	45,010	45,774	45,987	90,8
Missouri.....	132,182	131,283	151,799	155,240	156,988	155,556	155,263	155,356	154,181	152,045	141,553	139,666	88,8
Montana.....	13,704	14,260	13,154	13,187	14,395	15,172	15,230	15,677	15,223	12,886	12,920	12,968	12,417
Nebraska.....	25,144	24,159	23,704	24,163	24,550	25,147	25,802	26,726	26,795	26,210	26,017	24,852	24,655
Nevada.....	3,655	3,919	3,948	3,969	3,894	4,026	4,042	4,128	3,599	3,382	2,954	2,753	28,5
New Hampshire.....	75,932	82,803	82,243	81,266	80,090	9,344	78,927	75,018	77,279	76,082	77,402	76,893	93,0
New Jersey.....	373,693	373,612	377,720	381,168	383,320	389,326	381,366	371,217	367,483	372,864	362,322	366,057	92,8
New Mexico.....	3,776	3,621	3,621	3,621	3,621	3,621	3,621	3,621	3,621	3,621	3,621	3,616	89,4

No. 187.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, 1914, BY MONTHS, BY STATES, AND BY GEOGRAPHIC DIVISIONS—Con.

States.	Average number employed during year.	Wage earners employed on the 15th day of each month, or nearest representative day.										Per cent. min- num- forms of maxi- mum.	
		January	Febr.- uary	March	April	May	June	July	August	Septem- ber	October	November	
New York.....	1,055,857	1,055,575	1,058,354	1,054,773	1,054,215	1,057,030	1,053,471	1,053,933	1,057,475	1,057,384	1,052,512	1,054,549	1,014,893
North Carolina.....	136,844	135,553	138,731	141,491	140,511	139,150	137,182	136,755	135,011	134,165	133,544	132,921	92,9
North Dakota.....	3,275	3,275	3,276	3,276	3,276	3,276	3,276	3,276	3,276	3,276	3,276	3,276	81,5
Ohio.....	510,435	511,055	524,663	534,537	533,186	523,653	534,316	506,133	506,991	510,037	478,942	476,841	89,2
Oklahoma.....	17,443	17,365	17,176	17,164	17,493	17,807	17,334	17,232	16,902	17,398	18,088	17,911	93,4
Pennsylvania.....	23,829	26,154	26,715	28,527	30,806	31,596	31,540	31,095	30,505	29,243	26,531	24,816	73,5
Rhode Island.....	924,478	945,481	949,918	962,114	965,614	962,197	966,124	920,404	914,502	917,927	902,731	873,158	90,8
South Carolina.....	113,425	116,501	116,597	116,685	116,349	115,661	114,119	111,600	110,936	112,300	110,056	108,261	92,8
South Dakota.....	71,914	75,728	76,895	77,256	73,826	71,200	69,830	69,334	68,285	69,215	70,540	71,269	88,4
Tennessee.....	3,788	3,490	3,462	3,560	3,588	3,715	3,794	3,875	3,992	3,990	4,087	4,007	84,7
Texas.....	74,373	73,588	75,286	76,116	77,312	76,040	76,450	76,034	75,559	75,559	72,672	68,273	88,2
Utah.....	74,852	76,938	75,559	74,217	73,261	72,219	73,078	75,775	76,587	76,985	73,654	74,318	93,8
Vermont.....	13,894	13,038	12,889	12,578	13,101	13,386	14,262	15,401	14,983	15,794	15,525	13,334	78,4
Virginia.....	32,704	33,273	34,194	34,155	34,125	33,254	32,115	31,792	31,215	32,205	31,615	31,760	91,3
Washington.....	102,820	100,756	101,683	106,175	106,022	104,916	102,697	103,418	108,490	106,016	96,944	96,622	86,1
West Virginia.....	67,205	58,748	62,691	69,411	73,351	74,738	75,182	72,996	73,757	68,047	68,245	65,071	70,6
Wisconsin.....	71,078	71,642	71,693	71,664	76,677	76,205	73,328	69,980	71,044	71,663	69,773	69,572	81,6
Wyoming.....	19,310	19,347	20,166	20,512	19,210	19,041	19,523	19,370	19,575	19,052	19,242	19,227	88,6
Total.....	7,086,337	7,075,632	7,141,594	7,242,762	7,217,320	7,148,650	7,101,368	7,018,867	7,020,683	7,086,815	7,006,331	6,786,698	6,640,284
<i>Geographic divisions:<sup>1</sup></i>													91,7
New England.....	140,233	149,928	173,596	160,259	170,317	163,457	146,790	119,838	107,731	121,361	122,946	109,694	879
Middle Atlantic.....	2,355,940	2,376,618	2,405,922	2,428,053	2,423,659	2,382,603	2,385,927	2,395,574	2,319,460	2,337,792	2,347,907	2,270,109	2,244,536
East North Central.....	1,680,251	1,696,039	1,722,565	1,747,258	1,723,255	1,708,904	1,693,784	1,677,936	1,655,429	1,680,307	1,583,747	1,563,887	89,8
West North Central.....	331,595	331,650	332,653	333,951	333,777	336,545	336,597	337,379	330,514	332,463	336,183	369,997	92,7
South Atlantic.....	685,392	688,891	684,288	705,069	704,412	694,384	686,545	675,549	691,443	711,705	636,227	645,060	89,5
East South Central.....	264,375	265,657	267,066	274,840	272,229	265,539	265,712	267,030	268,677	268,356	261,419	261,333	245,643
West South Central.....	213,940	210,921	210,806	210,944	210,670	207,999	209,147	215,555	214,843	213,191	214,659	213,015	208,529
Mountain.....	81,113	78,308	78,606	75,620	79,559	82,396	85,382	88,809	84,242	82,922	85,504	77,835	82,9
Pacific.....	255,515	264,580	264,637	264,017	224,017	229,405	247,313	261,145	269,044	267,719	267,599	269,559	75,2

<sup>1</sup> For States included in each division, see note 5, p. 32.

No. 188.—WAGE EARNERS: NUMBER EMPLOYED IN MANUFACTURES, CLASSIFIED ACCORDING TO PREVAILING HOURS OF LABOR, 1914.

[Source: Reports of the Bureau of the Census, Department of Commerce.]

Prevailing hours of labor per week.	Average number employed.	Per cent of total.	Prevailing hours of labor per week.	Average number employed.	Per cent of total.
48 hours and under.....	831,779	11.8	Between 60 and 72 hours.....	249,026	3.5
Between 48 and 54 hours.....	944,562	13.4	72 hours.....	106,080	1.5
54 hours.....	1,315,050	25.8	Over 72 hours.....	59,725	0.8
Between 54 and 60 hours.....	1,557,374	22.0	Total .....	7,036,337	100.0
60 hours.....	1,454,662	21.1			

No. 189.—**WAGES AND HOURS OF LABOR:** RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES OF WAGES PER WEEK, COMPUTED FROM UNION SCALES, 1913 TO 1918.

[Source: Reports of the Bureau of Labor Statistics, Department of Labor. The figures are based on data obtained in the principal cities of the United States, 40 cities being covered for 1913, 41 cities for 1914, 47 cities for 1915, 48 cities for 1916, 56 for 1917, and 58 for 1918. The relative hours are percentages which indicate the change in the regular full-time working hours per week, account not being taken of loss of time from slack work or other causes. The relative wages are percentages which indicate the change in wages per hour and per full-time week. Hours and rates for 1913=100. The figures are based on the scale prevailing May 15, 1913, May 1, 1914 and 1915, and May 15, 1916, 1917, and 1918.]

Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
Building trades.												
Bakers.												
Bricklayers.												
Bricklayers, sewer, tunnel, and caisson.												
1913..	100	100	100	100	100	100	100	100	100	100	100	100
1914..	99	102	102	100	102	102	100	100	100	100	101	101
1915..	99	103	103	99	103	102	100	100	100	100	101	100
1916..	98	107	105	99	104	103	100	100	100	99	106	104
1917..	98	117	114	99	107	106	100	103	103	98	117	112
1918..	98	142	136	99	115	114	100	111	111	98	137	130
Building trades—Continued.												
Carpenters.												
Carpenters, parquetry-floor layers.												
Cement workers.												
Cement workers' helpers.												
1913..	100	100	100	100	100	100	100	100	100	100	100	100
1914..	100	102	102	100	106	106	99	101	100	100	101	100
1915..	100	103	103	100	107	107	99	102	101	100	101	101
1916..	99	106	100	100	108	108	98	103	101	100	102	101
1917..	99	115	115	100	120	116	97	109	106	100	106	106
1918..	98	126	125	95	134	124	96	120	117	99	124	123
Building trades—Continued.												
Cement workers' laborers.												
Engineers, portable and hoisting.												
Hod carriers.												
Inside wiremen.												
1913..	100	100	100	100	100	100	100	100	100	100	100	100
1914..	100	100	100	100	101	101	99	101	101	100	103	103
1915..	100	100	100	99	102	101	99	102	102	99	105	104
1916..	100	103	103	99	103	101	99	105	105	98	107	106
1917..	100	110	109	98	108	106	99	117	117	98	114	112
1918..	100	128	128	97	124	120	99	137	136	97	127	124
Building trades—Continued.												
Inside wiremen, fixture hangers.												
Lathers.												
Marble setters.												
Marble-setters' helpers.												
1913..	100	100	100	100	100	100	100	100	100	100	100	100
1914..	99	106	105	100	102	102	100	101	101	100	101	100
1915..	98	106	105	99	103	103	100	102	102	100	101	100
1916..	96	110	107	99	106	105	100	102	102	100	101	100
1917..	96	118	114	99	110	109	100	103	102	100	107	107
1918..	96	129	125	99	119	117	100	108	107	100	112	112

No. 189.—WAGES AND HOURS OF LABOR: RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES OF WAGES PER WEEK, COMPUTED FROM UNION SCALES, 1913 TO 1918—Continued.

Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
Building trades—Continued.												
	Painters.			Painters, fresco.			Painters, sign.			Plasterers.		
1913..	100	100	100	100	100	100	100	100	100	100	100	100
1914..	100	103	103	99	104	104	100	100	100	100	101	100
1915..	100	104	104	99	104	104	99	100	100	99	101	100
1916..	99	113	112	98	117	115	99	103	102	98	105	103
1917..	98	117	116	98	118	116	99	107	106	98	108	106
1918..	98	120	127	98	122	120	99	117	116	98	113	111
Building trades—Continued.												
	Plasterers' laborers.			Plumbers and gas fitters.			Sheet-metal workers.			Steam fitters.		
1913..	100	100	100	100	100	100	100	100	100	100	100	100
1914..	100	97	102	100	101	101	100	104	104	99	102	101
1915..	100	97	102	100	102	102	100	105	105	99	104	103
1916..	99	99	104	98	103	102	99	107	106	99	106	105
1917..	99	106	111	99	107	105	99	112	111	98	110	109
1918..	99	122	128	98	117	116	98	131	129	97	121	118
Building trades—Continued.												
	Steam fitters' helpers.			Stonemasons.			Structural-iron workers.			Structural-iron workers, finishers.		
1913..	100	100	100	100	100	100	100	100	100	100	100	100
1914..	101	102	102	100	103	103	100	102	102	100	102	102
1915..	101	105	104	100	104	104	100	102	102	100	102	102
1916..	100	106	106	100	106	105	100	104	103	100	104	104
1917..	100	113	112	100	110	109	99	110	109	99	109	108
1918..	99	131	128	100	120	120	99	126	125	99	123	122
Building trades—Continued.												
	Structural-iron workers, finishers' helpers.			Tile layers.			Tile layers' helpers.			Chauffeurs.		
1913..	100	100	100	100	100	100	100	100	100	100	100	100
1914..	100	101	101	100	101	101	100	101	101	100	101	101
1915..	100	101	101	100	101	101	98	104	103	99	102	101
1916..	100	101	101	99	103	102	98	108	106	97	106	104
1917..	98	110	108	99	108	106	97	111	108	96	113	109
1918..	98	123	121	99	111	109	97	114	112	94	131	123
Chauffeurs, teamsters, and drivers—Continued.												
	Teamsters and drivers.			Miscellaneous occupations.			Freight handlers.			Granite and stone trades.		
1913..	100	100	100	100	100	100	100	100	100	100	100	100
1914..	100	102	102	100	101	101	100	103	103	100	101	100
1915..	99	103	102	100	102	102	100	103	103	100	101	101
1916..	99	107	106	99	105	104	100	116	117	100	105	105
1917..	98	114	112	96	110	107	100	119	119	100	109	109
1918..	97	133	128	(1)	(1)	(1)	93	149	139	100	130	130

<sup>1</sup> Data not available.

**No. 189.—WAGES AND HOURS OF LABOR: RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES OF WAGES PER WEEK, COMPUTED FROM UNION SCALES, 1913 TO 1918—Continued.**

Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	
Granite and stone trades—Continued.			Metal trades.										
	Stone cutters.			Blacksmiths.			Blacksmiths' helpers.			Boiler makers.			
1913..	100	100	100	100	100	100	100	100	100	100	100	100	
1914..	100	104	104	100	102	102	100	101	101	100	100	100	
1915..	100	105	105	100	102	102	100	104	104	100	101	100	
1916..	100	106	105	99	106	105	99	109	107	97	106	103	
1917..	100	111	110	99	114	112	98	122	119	97	114	111	
1918..	100	118	117	94	103	103	94	178	168	95	154	146	
Metal trades—Continued.													
	Boiler makers' helpers.			Core makers.			Machinists.			Machinists' helpers.			
1913..	100	100	100	100	100	100	100	100	100	100	100	100	
1914..	100	101	100	100	101	101	99	102	101	100	100	100	
1915..	100	101	101	100	102	102	99	102	102	100	100	100	
1916..	98	108	105	99	109	108	97	116	112	100	107	107	
1917..	97	114	111	99	123	121	98	127	123	100	118	117	
1918..	96	157	150	98	157	154	94	107	159	97	150	146	
Metal trades—Continued.													
	Metal polishers and buffers.			Molders, iron.			Pattern makers, wood.			Carpenters.			
1913..	100	100	100	100	100	100	100	100	100	100	100	100	
1914..	100	100	100	100	101	101	99	101	100	97	102	98	
1915..	100	101	101	100	101	101	99	101	100	97	103	99	
1916..	97	108	105	98	110	107	99	108	107	95	107	102	
1917..	96	120	116	97	124	120	97	124	119	94	115	107	
1918..	95	149	143	97	157	150	96	163	156	92	128	118	
Millwork—Continued.													
	Painters, hardwood finishers.			Bookbinders.			Compositors.			Electrotypers: Batterymen and builders.			
1913..	100	100	100	100	100	100	100	100	100	100	100	100	
1914..	99	105	104	100	102	102	100	103	103	100	105	105	
1915..	99	108	108	100	102	102	100	103	103	100	108	108	
1916..	99	122	121	100	102	102	100	105	105	100	111	111	
1917..	99	124	122	100	108	108	100	107	107	100	116	115	
1918..	99	131	129	100	122	121	100	119	119	100	126	125	

No. 189.—WAGES AND HOURS OF LABOR: RELATIVE HOURS OF LABOR PER WEEK,  
RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES OF WAGES PER  
WEEK, COMPUTED FROM UNION SCALES, 1913 TO 1918—Continued.

Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
Printing and publishing: Book and job—Continued.											
	Electrotypers: Finishers and molders.			Linotype operators.			Machine tenders.		Machinist operators.		
1913..	100	100	100	100	100	100	100	100	100	100	100
1914..	100	104	104	100	101	101	100	100	100	101	101
1915..	100	106	106	100	101	101	100	101	101	101	101
1916..	100	109	109	100	102	102	100	101	102	101	102
1917..	100	112	112	100	104	104	100	103	104	103	104
1918..	100	117	117	100	113	113	100	113	114	101	107
Printing and publishing: Book and job—Continued.											
	Press feeders.			Pressmen, cylinder.			Pressmen, platen.		Compositors, daywork.		
1913..	100	100	100	100	100	100	100	100	100	100	100
1914..	100	103	103	100	102	102	100	102	102	101	101
1915..	100	103	103	100	102	102	100	102	102	101	101
1916..	100	104	104	100	104	104	100	104	104	102	102
1917..	100	135	110	100	106	106	100	109	109	100	105
1918..	100	158	128	100	117	117	100	120	120	100	110
Printing and publishing: Newspaper—Continued.											
	Compositors, nightwork.			Linotype operators, daywork.			Linotype operators, daywork (piecework).		Linotype operators, nightwork.		
1913..	100	100	100	100	100	100	100	1100	.....	100	100
1914..	100	101	101	100	101	101	100	1100	.....	100	101
1915..	100	101	101	99	102	102	100	1100	.....	100	102
1916..	100	102	101	99	103	102	100	1100	.....	100	102
1917..	100	104	104	99	106	105	102	1101	.....	99	105
1918..	100	108	108	99	110	109	102	1102	.....	100	108
Printing and publishing: Newspaper—Continued.											
	Linotype operators, nightwork (piecework).			Machine tenders, daywork.			Machine tenders, nightwork.		Machinist operators, daywork.		
1913..	100	1100	.....	100	100	100	100	100	100	100	100
1914..	100	1100	.....	100	101	100	100	100	100	100	100
1915..	100	1100	.....	100	101	101	100	101	101	100	100
1916..	99	1100	.....	100	101	101	100	101	101	100	102
1917..	101	1100	.....	100	103	102	100	102	102	100	104
1918..	101	1100	.....	100	108	108	100	107	107	100	106

<sup>1</sup> Based on price per 1,000 ems, nonpareil.

No. 189.—WAGES AND HOURS OF LABOR: RELATIVE HOURS OF LABOR PER WEEK, RELATIVE RATES OF WAGES PER HOUR, AND RELATIVE RATES OF WAGES PER WEEK, COMPUTED FROM UNION SCALES, 1913 TO 1918—Continued.

Year.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative full-time hours per week.	Relative rate of wages per hour.	Relative rate of wages per week, full time.
Printing and publishing: Newspaper—Continued.											
	Machinist operators, nightwork.			Pressmen, web presses, daywork.			Pressmen, web presses, nightwork.			Stereotypers, daywork.	
1913..	100	100	100	100	100	100	100	100	100	100	100
1914..	100	100	100	100	101	101	100	101	101	101	101
1915..	100	100	100	100	101	101	100	101	101	101	101
1916..	100	100	100	100	102	102	100	102	102	100	102
1917..	99	104	103	100	104	104	100	103	103	100	105
1918..	102	105	107	100	113	113	100	111	111	100	109
Printing and publishing: Newspaper—Con.											
	Stereotypers, nightwork.										
1913..	100	100	100								
1914..	100	101	101								
1915..	100	101	101								
1916..	100	102	102								
1917..	100	105	104								
1918..	99	100	100								

No. 190.—MINING AND METALLURGICAL INDUSTRIES: NUMBER OF MEN EMPLOYED, CALENDAR YEARS 1915, 1916, AND 1917.

[Source: Bureau of Mines, Department of the Interior.]

Industry.	1915	1916	1917	Industry.	1915	1916	1917
Coal mines .....	734,008	720,971	757,317	Ore-dressing plants...	18,564	22,365	24,111
Coke ovens .....	31,060	31,603	32,417	Quarries.....	100,740	90,797	82,200
Metal mines .....	162,118	204,685	200,579	Total.....	1,067,817	1,120,099	1,141,090
Smelting plants <sup>1</sup> .....	81,327	43,829	44,376				

<sup>1</sup> Excluding iron and steel furnaces.

**NO. 191.—WAGES OF HIRED FARM LABOR: MONTHLY AND DAILY, WITH AND WITHOUT BOARD, CALENDAR YEARS 1866 to 1918.**

[Source: Reports of the Department of Agriculture.]

Year.	By the month.		Day labor at harvest.		Day labor not harvest.	
	With board.	Without board.	With board.	Without board.	With board.	Without board.
	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
1866.....	17.45	26.87	1.74	2.20	1.08	1.49
1869.....	16.55	25.92	1.74	2.20	1.02	1.41
1875.....	12.72	19.87	1.35	1.70	.78	1.08
1879.....	10.43	16.42	1.00	1.30	.59	.81
1882.....	12.41	18.94	1.15	1.48	.67	.93
1885.....	12.34	17.97	1.10	1.40	.67	.91
1886.....	12.36	18.24	1.02	1.31	.67	.92
1890.....	12.45	18.33	1.02	1.30	.68	.92
1892.....	12.54	18.60	1.02	1.30	.67	.92
1893.....	13.20	19.10	1.03	1.24	.69	.89
1894.....	12.16	17.74	.98	1.13	.63	.81
1895.....	12.02	17.69	.92	1.14	.62	.81
1898.....	13.43	19.38	1.05	1.30	.72	.96
1899.....	14.07	20.28	1.12	1.37	.77	1.01
1902.....	16.40	22.14	1.34	1.53	.89	1.13
1910.....	19.21	27.50	1.45	1.82	1.06	1.38
1911.....	20.18	28.77	1.49	1.85	1.09	1.42
1912.....	20.81	29.58	1.54	1.87	1.14	1.47
1913.....	21.38	30.31	1.57	1.94	1.16	1.50
1914.....	21.05	29.88	1.55	1.91	1.13	1.45
1915.....	21.26	30.15	1.56	1.92	1.13	1.47
1916.....	23.25	32.83	1.69	2.07	1.26	1.62
1917.....	28.87	40.43	2.08	2.64	1.56	2.02
1918.....	34.92	47.07	2.65	3.22	2.07	2.63

NO. 192.—WAGES OF HIRED FARM LABOR: MONTHLY AND DAILY, WITH AND WITHOUT BOARD, CALENDAR YEARS 1910, 1917, AND 1918, BY STATES AND GEOGRAPHIC DIVISIONS.

[Source: Department of Agriculture.]

State.	Per month.						Per day at harvest.						Per day other than harvest.					
	With board.			Without board.			With board.			Without board.			With board.			Without board.		
	1910	1917	1918	1910	1917	1918	1910	1917	1918	1910	1917	1918	1910	1917	1918	1910	1917	1918
Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
Alabama.....	13.00	16.00	21.20	18.30	24.00	30.00	0.98	1.13	1.40	1.26	1.45	1.80	0.85	1.00	1.30	1.05	1.26	1.75
Arizona.....	30.00	48.00	56.00	40.00	68.00	80.00	1.72	2.40	2.65	2.24	3.10	3.40	1.34	2.22	2.30	2.04	2.83	3.10
Arkansas.....	16.25	23.00	28.50	24.00	32.00	40.50	1.20	1.65	2.12	1.55	2.02	2.65	.90	1.20	1.67	1.20	1.68	2.14
California.....	33.00	43.00	54.20	47.00	63.00	78.00	1.98	2.56	3.25	2.48	3.15	4.00	1.44	2.04	2.60	2.02	2.67	3.25
Colorado.....	29.50	41.00	51.00	44.50	60.00	73.50	1.65	2.64	3.40	2.47	3.38	4.30	1.47	2.15	2.80	2.00	2.79	3.65
Connecticut.....	21.00	35.00	44.00	36.00	52.00	63.00	1.85	2.21	2.60	2.00	2.85	3.40	1.07	1.85	2.12	1.55	2.50	2.97
Delaware.....	16.00	29.00	31.00	24.75	43.00	46.00	1.45	2.31	3.23	1.55	2.80	3.55	.98	1.75	2.30	1.23	2.16	2.80
Florida.....	15.00	22.00	25.00	25.00	32.00	38.00	1.10	1.25	1.49	1.46	1.68	2.05	.96	1.14	1.50	1.32	1.55	2.00
Georgia.....	13.00	19.00	23.00	18.00	26.00	32.00	1.88	1.98	1.62	1.23	1.32	2.00	.73	1.00	1.45	1.31	1.86	1.92
Idaho.....	35.00	51.00	64.00	49.50	70.00	86.25	2.20	3.12	3.60	3.80	4.45	4.70	2.48	3.10	2.77	3.20	3.26	3.65
Illinois.....	24.50	33.00	33.00	28.40	44.00	52.00	1.90	2.60	3.43	3.15	4.12	5.21	1.31	1.85	2.50	1.63	2.32	3.14
Indiana.....	20.50	29.00	34.00	28.40	41.00	47.00	1.70	2.30	3.05	2.07	3.30	4.30	1.14	1.65	2.15	1.45	2.10	2.65
Iowa.....	28.00	41.00	50.00	39.00	53.00	64.00	2.12	2.83	3.65	2.51	3.30	4.30	1.98	2.23	2.90	1.98	2.76	3.55
Kansas.....	24.00	33.00	40.80	34.00	48.00	56.40	2.18	2.90	4.14	2.57	4.40	4.65	1.42	2.00	2.74	1.84	2.50	3.38
Kentucky.....	16.00	24.00	26.10	22.10	33.00	41.00	1.36	1.84	2.40	1.71	2.25	2.90	.85	1.20	1.62	1.12	1.59	2.10
Louisiana.....	13.50	19.00	23.70	20.25	30.00	35.90	1.90	1.20	1.70	1.25	1.51	2.10	.77	1.11	1.57	1.02	1.39	2.00
Maine.....	23.50	36.00	46.50	34.50	53.00	65.50	1.50	2.39	3.00	1.95	2.88	3.70	1.23	2.02	2.60	1.60	2.56	3.15
Maryland.....	13.50	24.00	29.50	21.50	37.00	45.00	1.26	2.17	2.85	1.64	2.59	3.50	.88	1.52	2.04	1.18	2.00	2.65
Massachusetts.....	22.75	38.00	43.00	37.20	53.00	66.50	1.12	2.10	2.77	1.92	2.85	3.45	1.22	2.00	2.40	1.66	2.55	3.05
Michigan.....	23.00	34.00	37.50	32.00	47.00	52.50	1.64	2.56	3.25	2.10	3.10	3.50	1.22	1.97	2.35	1.66	2.50	3.00
Minnesota.....	26.00	39.00	47.10	38.00	54.00	62.70	2.23	2.96	3.90	2.65	3.53	4.50	1.48	2.17	3.00	1.90	2.77	3.67
Mississippi.....	13.30	17.00	21.50	19.50	24.00	30.50	1.99	1.13	1.35	1.22	1.75	2.45	.88	1.44	1.90	1.44	1.82	2.00
Missouri.....	21.50	29.00	35.00	28.50	39.00	45.00	1.65	2.85	3.12	2.05	2.80	3.80	1.42	2.44	3.15	1.32	2.36	3.30
Montana.....	38.00	46.00	59.50	50.00	70.00	83.00	2.05	3.00	3.80	2.80	3.79	4.75	1.77	2.44	3.15	1.44	2.36	3.10
Nebraska.....	26.50	39.00	49.00	38.00	53.00	67.00	2.14	3.10	4.14	2.60	3.77	4.90	1.57	2.31	3.10	1.96	2.95	3.85

WAGES IN AGRICULTURE.

<sup>1</sup> North Atlantic division: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania; South Atlantic division: Delaware, Maryland, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida; North Central division (east of Mississippi River): Ohio, Indiana, Illinois, Michigan, Wisconsin; North Central division (west of Mississippi River): Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas; South Central division: Kentucky, Tennessee, Alabama, Mississippi, Louisiana, Arkansas; Far Western division: Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Idaho, Washington, Oregon, and California.